



Sprockets

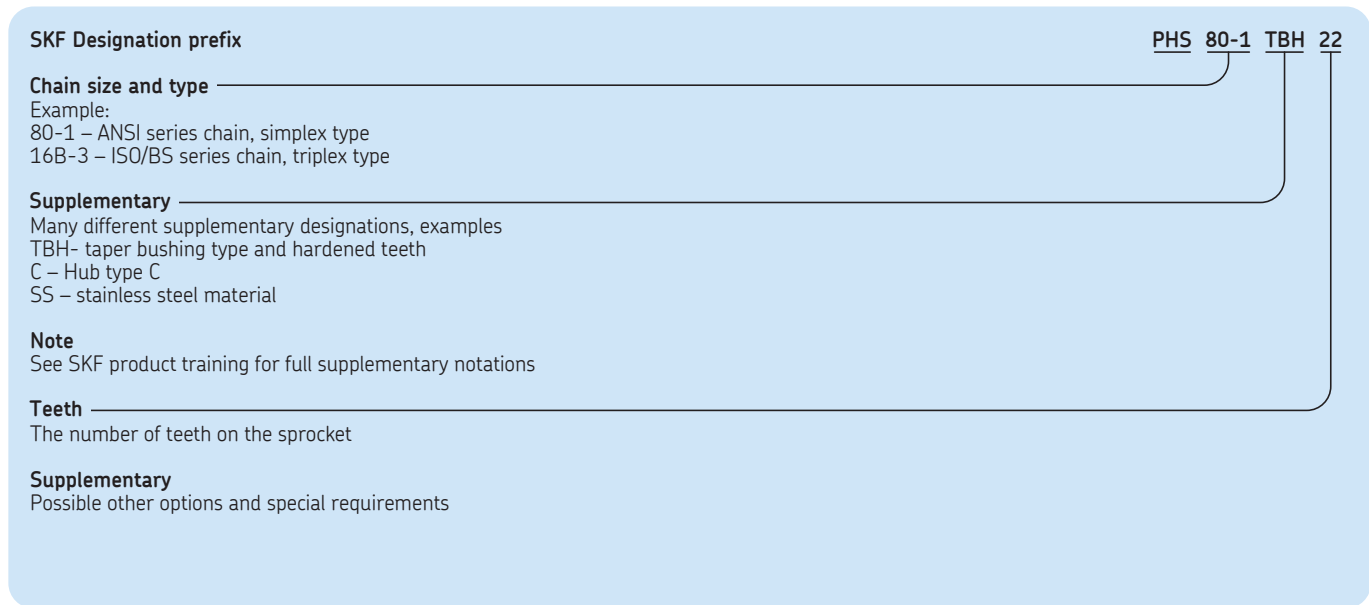
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SKF Sprockets

SKF sprocket range nomenclature has a defined prefix of PHS. All sprockets are made to be applied to standardized chains. SKF sprockets conform to conventional basic chain part number format – ISO, BS, or DIN.

Sprockets

The sprocket range designation from SKF has the following is an example to indicate set up.



Sprockets (PHS Product Group)

All SKF sprockets are manufactured according to ISO606 & ASME B29.100 standard. The sprockets are made from steel material C-45 and premium carbon steel no. 20 on hub material if welded. For some special sprockets gray cast iron HT250 or cast iron 250 material is used.

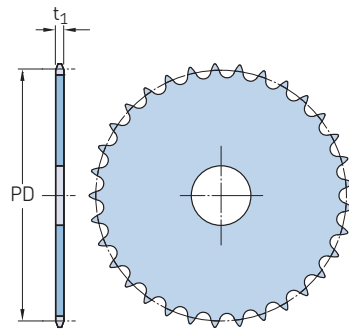
Sprockets 25T and below are hardened as standard (typically 35-40 HRC). This is only valid for sprocket teeths manufactured with steel material C-45. Surface treatment such as black oxide and zinc plating can be offered upon request.

Tolerances are machined according to DIN 8196.

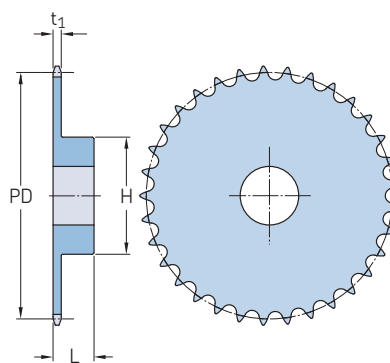
All sprockets are completely deburred and protected with rustproof oil.

Metric sprockets, simplex, pilot bore

ISO 05B-1 · 8 mm pitch



Type A



Type B

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Min. Max.	H L	t ₁		
mm	—	mm	—	mm			kg	—
8	8	20,90	A	6	—	—	0,01	PHS 05B-1A8
			B	—	6	13 12	0,02	PHS 05B-1BH8
	9	23,39	A	6	—	—	0,01	PHS 05B-1A9
			B	—	6	15 12	0,02	PHS 05B-1BH9
	10	25,89	A	8	—	—	0,01	PHS 05B-1A10
			B	—	8	17 12	0,02	PHS 05B-1BH10
	11	28,39	A	8	—	—	0,01	PHS 05B-1A11
			B	—	8	18 13	0,03	PHS 05B-1BH11
	12	30,91	A	8	—	—	0,01	PHS 05B-1A12
			B	—	8	20 13	0,03	PHS 05B-1BH12
	13	33,42	A	8	—	—	0,01	PHS 05B-1A13
			B	—	8	23 13	0,05	PHS 05B-1BH13
	14	35,95	A	8	—	—	0,02	PHS 05B-1A14
			B	—	8	25 13	0,05	PHS 05B-1BH14
	15	38,48	A	8	—	—	0,02	PHS 05B-1A15
			B	—	8	28 13	0,07	PHS 05B-1BH15
	16	41,01	A	8	—	—	0,02	PHS 05B-1A16
			B	—	8	30 14	0,08	PHS 05B-1BH16
	17	43,53	A	8	—	—	0,03	PHS 05B-1A17
			B	—	8	30 14	0,09	PHS 05B-1BH17
	18	46,07	A	8	—	—	0,03	PHS 05B-1A18
			B	—	8	30 14	0,09	PHS 05B-1BH18
	19	48,61	A	8	—	—	0,03	PHS 05B-1A19
			B	—	8	30 14	0,10	PHS 05B-1BH19
	20	51,14	A	8	—	—	0,04	PHS 05B-1A20
			B	—	8	30 14	0,10	PHS 05B-1BH20
	21	53,67	A	8	—	—	0,04	PHS 05B-1A21
			B	—	8	35 14	0,13	PHS 05B-1BH21
	22	56,21	A	8	—	—	0,05	PHS 05B-1A22
			B	—	8	35 14	0,13	PHS 05B-1BH22
	23	58,75	A	8	—	—	0,05	PHS 05B-1A23
			B	—	8	35 14	0,13	PHS 05B-1BH23
	24	61,29	A	8	—	—	0,06	PHS 05B-1A24
			B	—	8	35 14	0,15	PHS 05B-1BH24
	25	63,83	A	8	—	—	0,06	PHS 05B-1A25
			B	—	8	35 14	0,15	PHS 05B-1BH25
	26	66,37	A	10	—	—	0,07	PHS 05B-1A26
			B	—	10	40 16	0,17	PHS 05B-1B26
	27	68,91	A	10	—	—	0,07	PHS 05B-1A27
			B	—	10	40 16	0,19	PHS 05B-1B27
	28	71,45	A	10	—	—	0,08	PHS 05B-1A28
			B	—	10	40 16	0,20	PHS 05B-1B28
	29	73,99	A	10	—	—	0,08	PHS 05B-1A29
			B	—	10	40 16	0,21	PHS 05B-1B29

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Min. Max.	H L	t ₁		
mm	—	mm	—	mm			kg	—
8	30	76,53	A	10	—	—	0,09	PHS 05B-1A30
			B	—	10	23 40 16	0,22	PHS 05B-1B30
	31	79,08	A	10	—	—	0,10	PHS 05B-1A31
			B	—	10	23 40 16	0,23	PHS 05B-1B31
	32	81,61	A	10	—	—	0,11	PHS 05B-1A32
			B	—	10	23 40 16	0,23	PHS 05B-1B32
	33	84,16	A	10	—	—	0,12	PHS 05B-1A33
			B	—	10	23 40 16	0,24	PHS 05B-1B33
	34	86,70	A	10	—	—	0,12	PHS 05B-1A34
			B	—	10	23 40 16	0,25	PHS 05B-1B34
	35	89,24	A	10	—	—	0,12	PHS 05B-1A35
			B	—	10	23 40 16	0,25	PHS 05B-1B35
	36	91,79	A	10	—	—	0,13	PHS 05B-1A36
			B	—	10	23 40 16	0,26	PHS 05B-1B36
	37	94,33	A	10	—	—	0,14	PHS 05B-1A37
			B	—	10	23 40 16	0,26	PHS 05B-1B37
	38	96,88	A	10	—	—	0,15	PHS 05B-1A38
			B	—	10	23 40 16	0,27	PHS 05B-1B38
	39	99,42	A	10	—	—	0,16	PHS 05B-1A39
			B	—	10	23 40 16	0,28	PHS 05B-1B39
	40	101,97	A	10	—	—	0,16	PHS 05B-1A40
			B	—	10	23 40 16	0,28	PHS 05B-1B40
	41	104,51	A	12	—	—	0,17	PHS 05B-1A41
			B	—	10	23 60 20	0,29	PHS 05B-1B41
	42	107,05	A	12	—	—	0,18	PHS 05B-1A42
			B	—	10	23 60 20	0,30	PHS 05B-1B42
	43	109,60	A	12	—	—	0,19	PHS 05B-1A43
			B	—	10	23 60 20	0,30	PHS 05B-1B43
	44	112,14	A	12	—	—	0,20	PHS 05B-1A44
			B	—	10	23 60 20	0,31	PHS 05B-1B44
	45	114,69	A	12	—	—	0,21	PHS 05B-1A45
			B	—	12	40 60 20	0,31	PHS 05B-1B45
	46	117,23	A	12	—	—	0,21	PHS 05B-1A46
			B	—	12	40 60 20	0,32	PHS 05B-1B46
	47	119,77	A	12	—	—	0,32	PHS 05B-1A47
			B	—	12	40 60 20	0,33	PHS 05B-1B47
	48	122,32	A	12	—	—	0,34	PHS 05B-1A48
			B	—	12	40 60 20	0,33	PHS 05B-1B48
	54	137,59	A	14	—	—	0,67	PHS 05B-1A54
			B	—	12	40 80 20	0,37	PHS 05B-1B54
	57	145,22	A	14	—	—	1,47	PHS 05B-1A57
			B	—	14	55 80 20	0,39	PHS 05B-1B57
	60	152,85	A	14	—	—	1,53	PHS 05B-1A60
			B	—	14	55 80 34	0,41	PHS 05B-1B60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 05B-1AH8.

Metric sprockets, simplex, pilot bore

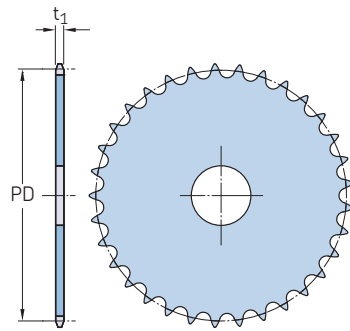
ISO 05B-1 · 8 mm pitch | ISO 06B-1 · 9,525 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation	Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation		
				Bore stock	Bore									Bore stock	Bore						
				Min.	Max.									H	L					t ₁	Min.
mm	–	mm	–	mm			kg	–	mm	–	mm			kg	–						
8	64	163,04	A B	16 –	– 14	– 55	– 80	– 34	1,62 0,43	PHS 05B-1A64 PHS 05B-1B64	9,525	28	85,07	A B	10 –	– 12	– 40	– 60	– 28	0,21 0,70	PHS 06B-1A28 PHS 06B-1B28
	70	178,31	A B	16 –	– 14	– 55	– 80	– 34	1,74 0,47	PHS 05B-1A70 PHS 05B-1B70		29	88,09	A B	10 –	– 12	– 40	– 60	– 28	0,23 0,72	PHS 06B-1A29 PHS 06B-1B29
	72	183,41	A B	20 –	– 14	– 55	– 80	– 34	1,79 0,48	PHS 05B-1A72 PHS 05B-1B72		30	91,12	A B	10 –	– 12	– 40	– 60	– 28	0,25 0,77	PHS 06B-1A30 PHS 06B-1B30
	76	193,59	A B	20 –	– 20	– 55	– 80	– 34	1,87 0,51	PHS 05B-1A76 PHS 05B-1B76		31	94,15	A B	12 –	– 14	– 43	– 65	– 30	0,26 0,88	PHS 06B-1A31 PHS 06B-1B31
	80	203,77	A B	20 –	– 20	– 55	– 80	– 34	1,95 0,53	PHS 05B-1A80 PHS 05B-1B80		32	97,17	A B	12 –	– 14	– 43	– 65	– 30	0,28 0,90	PHS 06B-1A32 PHS 06B-1B32
	84	213,95	A B	20 –	– 20	– 55	– 80	– 34	2,04 0,56	PHS 05B-1A84 PHS 05B-1B84		33	100,20	A B	12 –	– 14	– 43	– 65	– 30	0,30 0,91	PHS 06B-1A33 PHS 06B-1B33
	90	229,23	A B	20 –	– 20	– 55	– 80	– 34	2,16 0,60	PHS 05B-1A90 PHS 05B-1B90		34	103,23	A B	12 –	– 14	– 43	– 65	– 30	0,32 0,94	PHS 06B-1A34 PHS 06B-1B34
	95	241,96	A B	20 –	– 20	– 55	– 80	– 34	2,27 0,63	PHS 05B-1A95 PHS 05B-1B95		35	106,26	A B	12 –	– 14	– 43	– 65	– 30	0,34 0,95	PHS 06B-1A35 PHS 06B-1B35
	96	244,50	A B	20 –	– 20	– 55	– 80	– 34	2,29 0,63	PHS 05B-1A96 PHS 05B-1B96		36	109,29	A B	12 –	– 14	– 48	– 70	– 30	0,35 1,07	PHS 06B-1A36 PHS 06B-1B36
	114	290,33	A B	20 –	– 20	– 55	– 88	– 39	2,67 0,75	PHS 05B-1A114 PHS 05B-1B114		37	112,32	A B	12 –	– 14	– 48	– 70	– 30	0,38 1,09	PHS 06B-1A37 PHS 06B-1B37
9,525	8	24,89	A B	6 –	– 6	– 6	– 15	– 20	0,02 0,03	PHS 06B-1A8 PHS 06B-1B8	38	115,35	A B	12 –	– 14	– 48	– 70	– 30	0,39 1,10	PHS 06B-1A38 PHS 06B-1B38	
	9	27,85	A B	8 –	– 8	– 8	– 18	– 20	0,02 0,04	PHS 06B-1A9 PHS 06B-1B9	39	118,37	A B	12 –	– 14	– 48	– 70	– 30	0,42 1,12	PHS 06B-1A39 PHS 06B-1B39	
	10	30,82	A B	8 –	– 8	– 8	– 20	– 20	0,02 0,06	PHS 06B-1A10 PHS 06B-1B10	40	121,40	A B	12 –	– 14	– 48	– 70	– 30	0,44 1,16	PHS 06B-1A40 PHS 06B-1B40	
	11	33,80	A B	8 –	– 8	– 8	– 22	– 25	0,03 0,08	PHS 06B-1A11 PHS 06B-1B11	41	124,43	A B	16 –	– 14	– 48	– 78	– 32	0,46 1,28	PHS 06B-1A41 PHS 06B-1B41	
	12	36,80	A B	8 –	– 8	– 10	– 25	– 25	0,04 0,10	PHS 06B-1A12 PHS 06B-1B12	42	127,46	A B	16 –	– 14	– 48	– 78	– 32	0,48 1,36	PHS 06B-1A42 PHS 06B-1B42	
	13	39,79	A B	8 –	– 10	– 12	– 28	– 25	0,05 0,12	PHS 06B-1A13 PHS 06B-1B13	43	130,49	A B	16 –	– 14	– 48	– 78	– 32	0,51 1,44	PHS 06B-1A43 PHS 06B-1B43	
	14	42,80	A B	8 –	– 10	– 15	– 31	– 25	0,05 0,15	PHS 06B-1A14 PHS 06B-1B14	44	133,52	A B	16 –	– 14	– 48	– 78	– 32	0,54 1,52	PHS 06B-1A44 PHS 06B-1B44	
	15	45,81	A B	8 –	– 10	– 18	– 34	– 25	0,06 0,19	PHS 06B-1A15 PHS 06B-1B15	45	136,55	A B	16 –	– 14	– 40	– 78	– 32	0,56 1,40	PHS 06B-1A45 PHS 06B-1B45	
	16	48,82	A B	10 –	– 10	– 20	– 37	– 28	0,07 0,24	PHS 06B-1A16 PHS 06B-1B16	46	139,58	A B	16 –	– 14	– 48	– 78	– 32	0,59 1,68	PHS 06B-1A46 PHS 06B-1B46	
	17	51,83	A B	10 –	– 10	– 23	– 40	– 28	0,07 0,29	PHS 06B-1A17 PHS 06B-1B17	47	142,61	A B	16 –	– 14	– 48	– 78	– 32	0,61 1,76	PHS 06B-1A47 PHS 06B-1B47	
	18	54,85	A B	10 –	– 10	– 26	– 43	– 28	0,08 0,33	PHS 06B-1A18 PHS 06B-1B18	48	145,64	A B	16 –	– 14	– 48	– 78	– 32	0,63 1,84	PHS 06B-1A48 PHS 06B-1B48	
	19	57,87	A B	10 –	– 10	– 28	– 45	– 28	0,09 0,37	PHS 06B-1A19 PHS 06B-1B19	50	151,69	A B	16 –	– 14	– 48	– 78	– 32	0,65 2,06	PHS 06B-1A50 PHS 06B-1B50	
	20	60,89	A B	10 –	– 10	– 28	– 46	– 28	0,10 0,39	PHS 06B-1A20 PHS 06B-1B20	54	163,82	A B	16 –	– 14	– 48	– 78	– 32	0,68 2,32	PHS 06B-1A54 PHS 06B-1B54	
	21	63,91	A B	10 –	– 12	– 30	– 48	– 28	0,11 0,42	PHS 06B-1A21 PHS 06B-1B21	57	172,91	A B	16 –	– 14	– 40	– 78	– 32	1,71 1,70	PHS 06B-1A57 PHS 06B-1B57	
	22	66,93	A B	10 –	– 12	– 35	– 50	– 28	0,13 0,46	PHS 06B-1A22 PHS 06B-1B22	60	182,00	A B	16 –	– 14	– 48	– 78	– 32	0,91 2,80	PHS 06B-1A60 PHS 06B-1B60	
	23	69,95	A B	10 –	– 12	– 35	– 52	– 28	0,14 0,50	PHS 06B-1A23 PHS 06B-1B23	64	194,12	A B	20 –	– 14	– 48	– 78	– 32	0,97 3,12	PHS 06B-1A64 PHS 06B-1B64	
	24	72,97	A B	10 –	– 12	– 35	– 54	– 28	0,15 0,54	PHS 06B-1A24 PHS 06B-1B24	65	197,15	A B	20 –	– 14	– 48	– 78	– 32	1,01 3,31	PHS 06B-1A65 PHS 06B-1B65	
25	76,00	A B	10 –	– 12	– 40	– 57	– 28	0,17 0,60	PHS 06B-1A25 PHS 06B-1B25	70	212,30	A B	20 –	– 14	– 48	– 78	– 32	1,06 3,60	PHS 06B-1A70 PHS 06B-1B70		
26	79,02	A B	10 –	– 12	– 40	– 60	– 28	0,18 0,67	PHS 06B-1A26 PHS 06B-1B26	72	218,37	A B	20 –	– 14	– 48	– 78	– 32	1,09 3,76	PHS 06B-1A72 PHS 06B-1B72		
27	82,05	A B	10 –	– 12	– 40	– 60	– 28	0,19 0,68	PHS 06B-1A27 PHS 06B-1B27	76	230,49	A B	20 –	– 14	– 48	– 78	– 32	1,64 2,79	PHS 06B-1A76 PHS 06B-1B76		

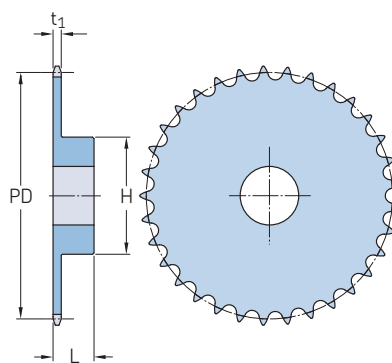
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 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
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Metric sprockets, simplex, pilot bore

ISO 06B-1 · 9,525 mm pitch | ISO 08B-1 · 12,70 mm pitch



Type A



Type B

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Bore	H L	t ₁		
				Min. Max.				
mm	–	mm	–	mm			kg	–
9,525	80	242,61	A	20	–	–	1,53	PHS 06B-1A80
			B	–	14 52	78 32 5,31	4,40	PHS 06B-1B80
	84	254,74	A	20	–	–	1,60	PHS 06B-1A84
			B	–	14 52	80 32 5,31	4,72	PHS 06B-1B84
	85	257,77	A	20	–	–	1,66	PHS 06B-1A85
			B	–	14 52	80 32 5,31	4,93	PHS 06B-1B85
	90	272,93	A	20	–	–	1,72	PHS 06B-1A90
			B	–	14 55	80 32 5,31	5,20	PHS 06B-1B90
	92	278,99	A	20	–	–	2,16	PHS 06B-1A92
			B	–	14 55	80 32 5,31	5,45	PHS 06B-1B92
12,70	8	33,18	A	8	–	–	0,03	PHS 08B-1A8
			B	–	10 10	20 25 7,37	0,06	PHS 08B-1B8
	9	37,13	A	8	–	–	0,04	PHS 08B-1A9
			B	–	10 10	24 25 7,37	0,09	PHS 08B-1B9
	10	41,10	A	8	–	–	0,06	PHS 08B-1A10
			B	–	10 11	26 25 7,37	0,12	PHS 08B-1B10
	11	45,07	A	10	–	–	0,07	PHS 08B-1A11
			B	–	10 13	29 25 7,37	0,15	PHS 08B-1B11
	12	49,07	A	10	–	–	0,09	PHS 08B-1A12
			B	–	10 17	33 28 7,37	0,21	PHS 08B-1B12
12,70	13	53,06	A	10	–	–	0,10	PHS 08B-1A13
			B	–	10 20	37 28 7,37	0,27	PHS 08B-1B13
	14	57,07	A	10	–	–	0,12	PHS 08B-1A14
			B	–	10 24	41 28 7,37	0,33	PHS 08B-1B14
	15	61,09	A	10	–	–	0,13	PHS 08B-1A15
			B	–	10 28	45 28 7,37	0,39	PHS 08B-1B15
	16	65,10	A	10	–	–	0,16	PHS 08B-1A16
			B	–	12 30	50 28 7,37	0,46	PHS 08B-1B16
	17	69,11	A	10	–	–	0,18	PHS 08B-1A17
			B	–	12 30	52 28 7,37	0,51	PHS 08B-1B17
12,70	18	73,14	A	10	–	–	0,20	PHS 08B-1A18
			B	–	12 35	56 28 7,37	0,59	PHS 08B-1B18
	19	77,16	A	10	–	–	0,23	PHS 08B-1A19
			B	–	12 40	60 28 7,37	0,67	PHS 08B-1B19
	20	81,19	A	10	–	–	0,25	PHS 08B-1A20
			B	–	12 40	64 28 7,37	0,77	PHS 08B-1B20
	21	85,22	A	12	–	–	0,26	PHS 08B-1A21
			B	–	12 40	68 28 7,37	0,85	PHS 08B-1B21

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Bore	H L	t ₁		
				Min. Max.				
mm	–	mm	–	mm			kg	–
12,70	22	89,24	A	12	–	–	0,30	PHS 08B-1A22
			B	–	12 40	70 28 7,37	0,92	PHS 08B-1B22
	23	93,27	A	12	–	–	0,34	PHS 08B-1A23
			B	–	14 40	70 28 7,37	0,95	PHS 08B-1B23
	24	97,29	A	12	–	–	0,37	PHS 08B-1A24
			B	–	14 40	70 28 7,37	0,98	PHS 08B-1B24
	25	101,33	A	12	–	–	0,41	PHS 08B-1A25
			B	–	14 40	70 28 7,37	1,01	PHS 08B-1B25
	26	105,36	A	16	–	–	0,44	PHS 08B-1A26
			B	–	16 46	70 30 7,37	1,09	PHS 08B-1B26
12,70	27	109,40	A	16	–	–	0,48	PHS 08B-1A27
			B	–	16 46	70 30 7,37	1,13	PHS 08B-1B27
	28	113,42	A	16	–	–	0,51	PHS 08B-1A28
			B	–	16 46	70 30 7,37	1,17	PHS 08B-1B28
	29	117,46	A	16	–	–	0,55	PHS 08B-1A29
			B	–	16 46	80 30 7,37	1,41	PHS 08B-1B29
	30	121,50	A	16	–	–	0,59	PHS 08B-1A30
			B	–	16 46	80 30 7,37	1,46	PHS 08B-1B30
	31	125,54	A	16	–	–	0,63	PHS 08B-1A31
			B	–	16 46	90 30 7,37	1,75	PHS 08B-1B31
12,70	32	129,56	A	16	–	–	0,68	PHS 08B-1A32
			B	–	16 46	90 30 7,37	1,79	PHS 08B-1B32
	33	133,60	A	16	–	–	0,72	PHS 08B-1A33
			B	–	16 46	90 30 7,37	1,83	PHS 08B-1B33
	34	137,64	A	16	–	–	0,78	PHS 08B-1A34
			B	–	16 46	90 30 7,37	1,87	PHS 08B-1B34
	35	141,68	A	16	–	–	0,81	PHS 08B-1A35
			B	–	16 46	90 30 7,37	1,94	PHS 08B-1B35
	36	145,72	A	16	–	–	0,87	PHS 08B-1A36
			B	–	16 50	90 35 7,37	2,21	PHS 08B-1B36
12,70	37	149,76	A	16	–	–	0,92	PHS 08B-1A37
			B	–	16 50	90 35 7,37	2,24	PHS 08B-1B37
	38	153,80	A	16	–	–	0,97	PHS 08B-1A38
			B	–	16 50	90 35 7,37	2,33	PHS 08B-1B38
	39	157,83	A	16	–	–	1,02	PHS 08B-1A39
			B	–	16 50	90 35 7,37	2,30	PHS 08B-1B39
	40	161,87	A	16	–	–	1,08	PHS 08B-1A40
			B	–	16 50	90 35 7,37	2,44	PHS 08B-1B40
	41	165,91	A	20	–	–	1,10	PHS 08B-1A41
			B	–	16 50	90 40 7,37	2,41	PHS 08B-1B41
12,70	42	169,95	A	20	–	–	1,00	PHS 08B-1A42
			B	–	16 60	90 40 7,37	2,38	PHS 08B-1B42
	43	173,99	A	20	–	–	1,24	PHS 08B-1A43
			B	–	16 50	90 40 7,37	2,35	PHS 08B-1B43

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

ISO 08B-1 · 12,70 mm pitch | ISO 10B-1 · 15,88 mm pitch

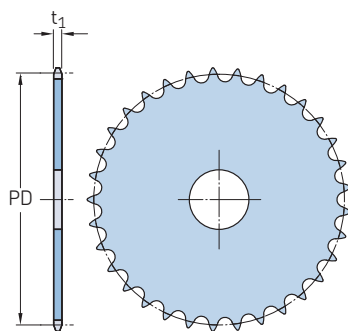
Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore		Hub		Plate thickness t ₁	Mass	Designation
				Bore stock	Min.	Max.	H	L				
mm	–	mm	–	mm						kg	–	
12,70	44	178,03	A B	20 –	– 16	– 50	– 90	– 40	– 7,37	1,28 2,32		PHS 08B-1A44 PHS 08B-1B44
	45	182,07	A B	20 –	– 16	– 50	– 90	– 40	– 7,37	1,00 2,30		PHS 08B-1A45 PHS 08B-1B45
	46	186,10	A B	20 –	– 16	– 50	– 90	– 40	– 7,37	1,43 2,45		PHS 08B-1A46 PHS 08B-1B46
	47	190,14	A B	20 –	– 16	– 50	– 90	– 40	– 7,37	1,50 2,60		PHS 08B-1A47 PHS 08B-1B47
	48	194,18	A B	20 –	– 16	– 64	– 90	– 40	– 7,37	1,57 2,85		PHS 08B-1A48 PHS 08B-1B48
	50	208,30	A B	20 –	– 16	– 64	– 90	– 40	– 7,37	1,81 2,92		PHS 08B-1A50 PHS 08B-1B50
	54	218,43	A B	20 –	– 16	– 64	– 90	– 40	– 7,37	2,00 3,00		PHS 08B-1A54 PHS 08B-1B54
	57	230,54	A B	20 –	– 16	– 50	– 90	– 40	– 7,37	2,22 3,13		PHS 08B-1A57 PHS 08B-1B57
	60	242,66	A B	20 –	– 16	– 64	– 90	– 40	– 7,37	2,50 3,30		PHS 08B-1A60 PHS 08B-1B60
	64	258,82	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	2,87 3,60		PHS 08B-1A64 PHS 08B-1B64
	70	283,07	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	3,43 3,80		PHS 08B-1A70 PHS 08B-1B70
	72	291,16	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	3,62 4,00		PHS 08B-1A72 PHS 08B-1B72
	76	307,33	A B	25 –	– 16	– 50	– 90	– 40	– 7,37	3,99 4,12		PHS 08B-1A76 PHS 08B-1B76
	80	323,48	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	4,46 5,00		PHS 08B-1A80 PHS 08B-1B80
	84	339,65	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	4,93 6,12		PHS 08B-1A84 PHS 08B-1B84
	85	343,69	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	5,05 6,32		PHS 08B-1A85 PHS 08B-1B85
	92	371,99	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	5,88 6,92		PHS 08B-1A92 PHS 08B-1B92
	95	384,11	A B	25 –	– 16	– 55	– 90	– 40	– 7,37	6,23 7,38		PHS 08B-1A95 PHS 08B-1B95
	96	388,15	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	6,35 8,00		PHS 08B-1A96 PHS 08B-1B96
	114	460,90	A B	25 –	– 16	– 64	– 90	– 40	– 7,37	8,47 9,50		PHS 08B-1A114 PHS 08B-1B114
15,88	8	41,48	A B	10 –	– 10	– 11	– 25	– 25	– 9,17	0,07 0,12		PHS 10B-1A8 PHS 10B-1B8
	9	46,42	A B	10 –	– 10	– 15	– 30	– 25	– 9,17	0,10 0,17		PHS 10B-1A9 PHS 10B-1B9
	10	51,37	A B	10 –	– 10	– 18	– 35	– 25	– 9,17	0,12 0,23		PHS 10B-1A10 PHS 10B-1B10
	11	56,34	A B	10 –	– 12	– 21	– 37	– 30	– 9,17	0,15 0,30		PHS 10B-1A11 PHS 10B-1B11
	12	61,34	A B	10 –	– 12	– 25	– 42	– 30	– 9,17	0,18 0,38		PHS 10B-1A12 PHS 10B-1B12
	13	66,32	A B	10 –	– 12	– 28	– 47	– 30	– 9,17	0,21 0,47		PHS 10B-1A13 PHS 10B-1B13
	14	71,34	A B	10 –	– 12	– 32	– 52	– 30	– 9,17	0,24 0,57		PHS 10B-1A14 PHS 10B-1B14
	15	76,36	A B	10 –	– 12	– 35	– 57	– 30	– 9,17	0,28 0,69		PHS 10B-1A15 PHS 10B-1B15
	16	81,37	A B	12 –	– 12	– 40	– 60	– 30	– 9,17	0,31 0,77		PHS 10B-1A16 PHS 10B-1B16
	17	86,39	A B	12 –	– 12	– 40	– 60	– 30	– 9,17	0,36 0,82		PHS 10B-1A17 PHS 10B-1B17

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore			Hub		Plate thickness t ₁	Mass	Designation
				Bore stock	Min.	Max.	H	L					
mm	–	mm	–	mm							kg	–	
15,88	18	91,42	A B	12 –	– 14	– 50	– 70	– 30	– 9,17	0,41 1,02	PHS 10B-1A18 PHS 10B-1B18		
	19	96,45	A B	12 –	– 14	– 50	– 70	– 30	– 9,17	0,46 1,06	PHS 10B-1A19 PHS 10B-1B19		
	20	101,49	A B	12 –	– 14	– 50	– 75	– 30	– 9,17	0,52 1,22	PHS 10B-1A20 PHS 10B-1B20		
	21	106,52	A B	12 –	– 16	– 50	– 75	– 30	– 9,17	0,57 1,26	PHS 10B-1A21 PHS 10B-1B21		
	22	111,55	A B	12 –	– 16	– 50	– 80	– 30	– 9,17	0,62 1,42	PHS 10B-1A22 PHS 10B-1B22		
	23	116,58	A B	12 –	– 16	– 50	– 80	– 30	– 9,17	0,67 1,47	PHS 10B-1A23 PHS 10B-1B23		
	24	121,62	A B	12 –	– 16	– 50	– 80	– 30	– 9,17	0,74 1,55	PHS 10B-1A24 PHS 10B-1B24		
	25	126,66	A B	12 –	– 16	– 50	– 80	– 30	– 9,17	0,81 1,62	PHS 10B-1A25 PHS 10B-1B25		
	26	131,70	A B	16 –	– 20	– 55	– 85	– 35	– 9,17	0,88 2,00	PHS 10B-1A26 PHS 10B-1B26		
	27	136,75	A B	16 –	– 20	– 55	– 85	– 35	– 9,17	0,96 2,05	PHS 10B-1A27 PHS 10B-1B27		
	28	141,78	A B	16 –	– 20	– 55	– 90	– 35	– 9,17	1,02 2,27	PHS 10B-1A28 PHS 10B-1B28		
	29	146,83	A B	16 –	– 20	– 55	– 90	– 35	– 9,17	1,09 2,35	PHS 10B-1A29 PHS 10B-1B29		
	30	151,87	A B	16 –	– 20	– 58	– 90	– 35	– 9,17	1,20 2,42	PHS 10B-1A30 PHS 10B-1B30		
	31	156,92	A B	16 –	– 20	– 58	– 95	– 35	– 9,17	1,28 2,66	PHS 10B-1A31 PHS 10B-1B31		
	32	161,95	A B	16 –	– 20	– 58	– 95	– 35	– 9,17	1,38 2,74	PHS 10B-1A32 PHS 10B-1B32		
	33	167,00	A B	16 –	– 20	– 58	– 95	– 35	– 9,17	1,46 2,80	PHS 10B-1A33 PHS 10B-1B33		
	34	172,05	A B	16 –	– 20	– 58	– 95	– 35	– 9,17	1,55 2,90	PHS 10B-1A34 PHS 10B-1B34		
	35	177,10	A B	16 –	– 20	– 58	– 95	– 35	– 9,17	1,63 3,03	PHS 10B-1A35 PHS 10B-1B35		
	36	182,15	A B	20 –	– 20	– 63	– 100	– 35	– 9,17	2,00 3,27	PHS 10B-1A36 PHS 10B-1B36		
	37	187,20	A B	20 –	– 20	– 63	– 100	– 35	– 9,17	1,85 3,39	PHS 10B-1A37 PHS 10B-1B37		
	38	192,24	A B	20 –	– 20	– 63	– 100	– 35	– 9,17	1,93 3,49	PHS 10B-1A38 PHS 10B-1B38		
	39	197,29	A B	20 –	– 20	– 63	– 100	– 35	– 9,17	2,05 3,58	PHS 10B-1A39 PHS 10B-1B39		
	40	202,34	A B	20 –	– 20	– 63	– 100	– 35	– 9,17	2,15 3,69	PHS 10B-1A40 PHS 10B-1B40		
	41	207,39	A B	20 –	– 20	– 57	– 100	– 40	– 9,17	2,25 3,78	PHS 10B-1A41 PHS 10B-1B41		
	42	212,44	A B	20 –	– 20	– 57	– 100	– 40	– 9,17	2,38 3,87	PHS 10B-1A42 PHS 10B-1B42		
	43	217,49	A B	20 –	– 20	– 57	– 100	– 40	– 9,17	2,49 3,96	PHS 10B-1A43 PHS 10B-1B43		
	44	222,53	A B	20 –	– 20	– 57	– 100	– 40	– 9,17	2,61 4,05	PHS 10B-1A44 PHS 10B-1B44		
	45	227,58	A B	20 –	– 20	– 55	– 100	– 40	– 9,17	2,74 4,18	PHS 10B-1A45 PHS 10B-1B45		
	46	232,63	A B	20 –	– 20	– 64	– 100	– 40	– 9,17	2,87 4,34	PHS 10B-1A46 PHS 10B-1B46		
	47	237,68	A B	20 –	– 20	– 64	– 100	– 40	– 9,17	2,99 4,50	PHS 10B-1A47 PHS 10B-1B47		

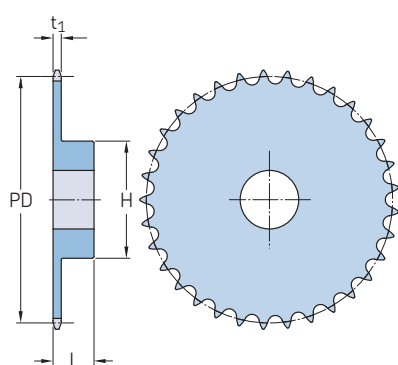
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Metric sprockets, simplex, pilot bore

ISO 10B-1 · 15,88 mm pitch | ISO 12B-1 · 19,05 mm pitch



Type A



Type B

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness	Mass	Designation
		PD		Bore stock	Bore	H	L	t ₁		
				Min.	Max.				kg	
mm	–	mm	–	mm						–
15,88	48	242,73	A	20	–	–	–	–	3,13	PHS 10B-1A48
			B	–	20	64	100	40	4,66	PHS 10B-1B48
	49	247,78	A	20	–	–	–	–	3,28	PHS 10B-1A49
			B	–	20	64	100	40	4,82	PHS 10B-1B49
	50	252,82	A	20	–	–	–	–	3,43	PHS 10B-1A50
			B	–	20	64	100	40	4,98	PHS 10B-1B50
	51	257,87	A	20	–	–	–	–	3,57	PHS 10B-1A51
			B	–	20	64	100	40	5,14	PHS 10B-1B51
	52	262,92	A	20	–	–	–	–	3,72	PHS 10B-1A52
			B	–	20	64	100	40	5,30	PHS 10B-1B52
	53	267,97	A	20	–	–	–	–	3,87	PHS 10B-1A53
			B	–	20	64	100	40	5,46	PHS 10B-1B53
	54	273,03	A	20	–	–	–	–	4,02	PHS 10B-1A54
			B	–	20	64	100	40	5,62	PHS 10B-1B54
	55	278,08	A	20	–	–	–	–	4,16	PHS 10B-1A55
			B	–	20	64	100	40	5,78	PHS 10B-1B55
	56	283,13	A	25	–	–	–	–	4,31	PHS 10B-1A56
			B	–	20	64	100	40	5,94	PHS 10B-1B56
	57	288,18	A	25	–	–	–	–	4,46	PHS 10B-1A57
			B	–	20	55	100	40	6,00	PHS 10B-1B57
	58	293,23	A	25	–	–	–	–	4,64	PHS 10B-1A58
			B	–	20	64	100	43	6,44	PHS 10B-1B58
19,05	59	298,27	A	25	–	–	–	–	4,83	PHS 10B-1A59
			B	–	20	64	100	43	6,88	PHS 10B-1B59
	60	303,32	A	25	–	–	–	–	5,01	PHS 10B-1A60
			B	–	20	64	100	43	7,32	PHS 10B-1B60
	65	328,58	A	25	–	–	–	–	5,92	PHS 10B-1A65
			B	–	20	64	100	43	7,48	PHS 10B-1B65
	70	353,84	A	25	–	–	–	–	6,83	PHS 10B-1A70
			B	–	20	64	100	43	7,76	PHS 10B-1B70
	72	363,95	A	25	–	–	–	–	7,20	PHS 10B-1A72
			B	–	20	64	100	43	8,20	PHS 10B-1B72
	76	384,16	A	25	–	–	–	–	7,93	PHS 10B-1A76
			B	–	20	60	100	43	8,68	PHS 10B-1B76
	80	404,35	A	25	–	–	–	–	8,89	PHS 10B-1A80
			B	–	20	70	100	43	10,20	PHS 10B-1B80
	84	424,57	A	30	–	–	–	–	9,85	PHS 10B-1A84
			B	–	20	70	100	50	11,72	PHS 10B-1B84
	85	429,62	A	30	–	–	–	–	10,09	PHS 10B-1A85
			B	–	20	70	100	50	12,12	PHS 10B-1B85
15,88	92	464,98	A	30	–	–	–	–	11,76	PHS 10B-1A92
			B	–	20	70	100	50	12,91	PHS 10B-1B92
	95	480,14	A	30	–	–	–	–	12,48	PHS 10B-1A95
			B	–	20	60	100	50	13,24	PHS 10B-1B95

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness	Mass	Designation
		PD		Bore stock	Bore	H	L	t ₁		
				Min.	Max.				kg	
mm	–	mm	–	mm						–
15,88	96	485,19	A	30	–	–	–	–	12,72	PHS 10B-1A96
			B	–	20	70	100	50	14,00	PHS 10B-1B96
	112	566,03	A	30	–	–	–	–	16,55	PHS 10B-1A112
			B	–	20	70	100	50	15,55	PHS 10B-1B112
	114	576,13	A	30	–	–	–	–	17,03	PHS 10B-1A114
			B	–	20	70	100	50	16,25	PHS 10B-1B114
	120	606,45	A	30	–	–	–	–	18,50	PHS 10B-1A120
			B	–	20	70	100	50	18,25	PHS 10B-1B120
	8	49,78	A	12	–	–	–	–	0,13	PHS 12B-1A8
			B	–	12	16	31	30	0,22	PHS 12B-1B8
19,05	9	55,70	A	12	–	–	–	–	0,16	PHS 12B-1A9
			B	–	12	20	37	30	0,31	PHS 12B-1B9
	10	61,64	A	12	–	–	–	–	0,21	PHS 12B-1A10
			B	–	12	23	42	30	0,39	PHS 12B-1B10
	11	67,61	A	14	–	–	–	–	0,25	PHS 12B-1A11
			B	–	14	28	46	35	0,54	PHS 12B-1B11
	12	73,61	A	14	–	–	–	–	0,30	PHS 12B-1A12
			B	–	14	32	52	35	0,68	PHS 12B-1B12
	13	79,59	A	14	–	–	–	–	0,37	PHS 12B-1A13
			B	–	14	36	58	35	0,84	PHS 12B-1B13
	14	85,61	A	14	–	–	–	–	0,43	PHS 12B-1A14
			B	–	14	40	64	35	1,01	PHS 12B-1B14
	15	91,63	A	14	–	–	–	–	0,50	PHS 12B-1A15
			B	–	14	44	70	35	1,19	PHS 12B-1B15
	16	97,65	A	14	–	–	–	–	0,56	PHS 12B-1A16
			B	–	16	48	75	35	1,36	PHS 12B-1B16
	17	103,67	A	14	–	–	–	–	0,65	PHS 12B-1A17
			B	–	16	55	80	35	1,56	PHS 12B-1B17
	18	109,71	A	14	–	–	–	–	0,73	PHS 12B-1A18
			B	–	16	55	80	35	1,73	PHS 12B-1B18
15,88	19	115,75	A	14	–	–	–	–	0,82	PHS 12B-1A19
			B	–	16	55	80	35	1,73	PHS 12B-1B19
	20	121,78	A	14	–	–	–	–	0,90	PHS 12B-1A20
			B	–	16	55	80	35	1,83	PHS 12B-1B20
	21	127,82	A	16	–	–	–	–	0,99	PHS 12B-1A21
			B	–	20	55	90	40	2,37	PHS 12B-1B21
	22	133,86	A	16	–	–	–	–	1,08	PHS 12B-1A22
			B	–	20	55	90	40	2,48	PHS 12B-1B22
	23	139,90	A	16	–	–	–	–	1,21	PHS 12B-1A23
			B	–	20	55	90	40	2,58	PHS 12B-1B23
15,88	24	145,94	A	16	–	–	–	–	1,33	PHS 12B-1A24
			B	–	20	55	90	40	2,70	PHS 12B-1B24
15,88	25	152,00	A	16	–	–	–	–	1,43	PHS 12B-1A25
			B	–	20	55	90	40	2,81	PHS 12B-1B25

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

ISO 12B-1 · 19,05 mm pitch | ISO 16B-1 · 25,40 mm pitch

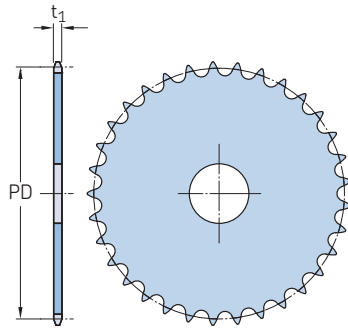
Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore		Hub		Plate thickness	Mass	Designation
		PD		Bore stock	Bore			H	L	t ₁		
				Min.	Max.							
mm	–	mm	–	mm							kg	–
19,05	26	158,04	A B	16 –	– 20	– 58	– 95	– 40	– 11,10	1,57 3,11		PHS 12B-1A26 PHS 12B-1B26
	27	164,09	A B	16 –	– 20	– 58	– 95	– 40	– 11,10	1,69 3,24		PHS 12B-1A27 PHS 12B-1B27
	28	170,13	A B	16 –	– 20	– 58	– 95	– 40	– 11,10	1,83 3,37		PHS 12B-1A28 PHS 12B-1B28
	29	176,19	A B	16 –	– 20	– 60	– 95	– 40	– 11,10	1,97 3,49		PHS 12B-1A29 PHS 12B-1B29
	30	182,25	A B	16 –	– 20	– 60	– 95	– 40	– 11,10	2,11 3,66		PHS 12B-1A30 PHS 12B-1B30
	31	188,31	A B	20 –	– 20	– 64	– 95	– 40	– 11,10	2,26 3,96		PHS 12B-1A31 PHS 12B-1B31
	32	194,36	A B	20 –	– 20	– 64	– 95	– 40	– 11,10	2,37 4,14		PHS 12B-1A32 PHS 12B-1B32
	33	200,40	A B	20 –	– 20	– 64	– 95	– 40	– 11,10	2,58 4,28		PHS 12B-1A33 PHS 12B-1B33
	34	206,46	A B	20 –	– 20	– 64	– 95	– 40	– 11,10	2,72 4,45		PHS 12B-1A34 PHS 12B-1B34
	35	212,52	A B	20 –	– 20	– 64	– 95	– 40	– 11,10	2,90 4,62		PHS 12B-1A35 PHS 12B-1B35
	36	218,58	A B	20 –	– 20	– 70	– 100	– 40	– 11,10	3,04 4,79		PHS 12B-1A36 PHS 12B-1B36
	37	224,64	A B	20 –	– 20	– 70	– 100	– 40	– 11,10	3,27 4,97		PHS 12B-1A37 PHS 12B-1B37
	38	230,69	A B	20 –	– 20	– 70	– 100	– 40	– 11,10	3,42 5,15		PHS 12B-1A38 PHS 12B-1B38
	39	236,75	A B	20 –	– 20	– 70	– 100	– 40	– 11,10	3,61 5,34		PHS 12B-1A39 PHS 12B-1B39
	40	242,81	A B	20 –	– 20	– 70	– 100	– 40	– 11,10	3,80 5,54		PHS 12B-1A40 PHS 12B-1B40
	41	248,87	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	3,97 5,78		PHS 12B-1A41 PHS 12B-1B41
	42	254,93	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	4,18 6,02		PHS 12B-1A42 PHS 12B-1B42
	43	260,98	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	4,43 6,26		PHS 12B-1A43 PHS 12B-1B43
	44	267,04	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	4,60 6,50		PHS 12B-1A44 PHS 12B-1B44
	45	273,10	A B	25 –	– 20	– 60	– 110	– 56	– 11,10	4,77 6,30		PHS 12B-1A45 PHS 12B-1B45
	46	279,16	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	5,07 6,98		PHS 12B-1A46 PHS 12B-1B46
	47	285,21	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	5,30 7,22		PHS 12B-1A47 PHS 12B-1B47
	48	291,27	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	5,55 7,46		PHS 12B-1A48 PHS 12B-1B48
	49	297,33	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	5,81 7,70		PHS 12B-1A49 PHS 12B-1B49
	50	303,39	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	6,06 7,94		PHS 12B-1A50 PHS 12B-1B50
	54	327,64	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	7,08 8,90		PHS 12B-1A54 PHS 12B-1B54
	57	345,81	A B	25 –	– 20	– 60	– 110	– 56	– 11,10	7,84 7,75		PHS 12B-1A57 PHS 12B-1B57
	60	363,99	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	8,82 10,34		PHS 12B-1A60 PHS 12B-1B60
	65	394,29	A B	25 –	– 20	– 70	– 110	– 56	– 11,10	10,46 11,64		PHS 12B-1A65 PHS 12B-1B65
	68	412,49	A B	30 –	– 20	– 70	– 110	– 56	– 11,10	11,44 12,20		PHS 12B-1A68 PHS 12B-1B68

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore		Hub		Plate thickness	Mass	Designation
		PD		Bore stock	Bore			H	L	t ₁		
				Min.	Max.							
mm	–	mm	–	mm							kg	–
19,05	70	424,60	A B	30 –	– 20	– 70	– 110	– 56	– 11,10	12,10 12,74		PHS 12B-1A70 PHS 12B-1B70
	72	436,74	A B	30 –	– 20	– 80	– 110	– 56	– 11,10	12,75 13,22		PHS 12B-1A72 PHS 12B-1B72
	76	460,99	A B	30 –	– 20	– 60	– 110	– 56	– 11,10	14,06 12,50		PHS 12B-1A76 PHS 12B-1B76
	80	485,22	A B	30 –	– 20	– 80	– 110	– 56	– 11,10	15,73 15,14		PHS 12B-1A80 PHS 12B-1B80
	84	509,48	A B	30 –	– 20	– 80	– 110	– 56	– 11,10	17,40 16,10		PHS 12B-1A84 PHS 12B-1B84
	90	545,85	A B	30 –	– 20	– 80	– 110	– 56	– 11,10	19,91 17,23		PHS 12B-1A90 PHS 12B-1B90
	92	557,98	A B	30 –	– 20	– 80	– 110	– 56	– 11,10	20,75 18,19		PHS 12B-1A92 PHS 12B-1B92
	95	576,17	A B	30 –	– 20	– 92	– 110	– 56	– 11,10	22,00 18,74		PHS 12B-1A95 PHS 12B-1B95
	96	582,23	A B	30 –	– 20	– 92	– 110	– 56	– 11,10	22,42 18,98		PHS 12B-1A96 PHS 12B-1B96
	114	691,36	A B	30 –	– 20	– 92	– 110	– 56	– 11,10	29,94 23,30		PHS 12B-1A114 PHS 12B-1B114
25,40	8	66,37	A B	12 –	– 16	– 22	– 42	– 35	– 16,18	0,34 0,50		PHS 16B-1A8 PHS 16B-1B8
	9	74,27	A B	12 –	– 16	– 28	– 50	– 35	– 16,18	0,44 0,68		PHS 16B-1A9 PHS 16B-1B9
	10	82,19	A B	12 –	– 16	– 34	– 55	– 35	– 16,18	0,96 0,87		PHS 16B-1A10 PHS 16B-1B10
	11	90,14	A B	16 –	– 16	– 38	– 61	– 40	– 16,18	0,68 1,18		PHS 16B-1A11 PHS 16B-1B11
	12	98,14	A B	16 –	– 16	– 44	– 69	– 40	– 16,18	0,81 1,48		PHS 16B-1A12 PHS 16B-1B12
	13	106,12	A B	16 –	– 16	– 48	– 78	– 40	– 16,18	1,00 1,82		PHS 16B-1A13 PHS 16B-1B13
	14	114,15	A B	16 –	– 16	– 53	– 84	– 40	– 16,18	1,13 2,14		PHS 16B-1A14 PHS 16B-1B14
	15	122,17	A B	16 –	– 16	– 58	– 92	– 40	– 16,18	1,30 2,52		PHS 16B-1A15 PHS 16B-1B15
	16	130,20	A B	20 –	– 20	– 64	– 100	– 45	– 16,18	1,49 3,19		PHS 16B-1A16 PHS 16B-1B16
	17	138,22	A B	20 –	– 20	– 70	– 100	– 45	– 16,18	1,68 3,41		PHS 16B-1A17 PHS 16B-1B17
	18	146,28	A B	20 –	– 20	– 70	– 100	– 45	– 16,18	1,91 3,62		PHS 16B-1A18 PHS 16B-1B18
	19	154,33	A B	20 –	– 20	– 70	– 100	– 45	– 16,18	2,12 3,86		PHS 16B-1A19 PHS 16B-1B19
	20	162,38	A B	20 –	– 20	– 70	– 100	– 45	– 16,18	2,39 4,10		PHS 16B-1A20 PHS 16B-1B20

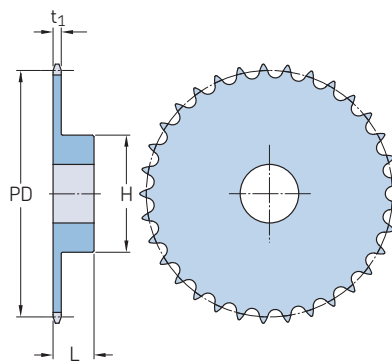
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

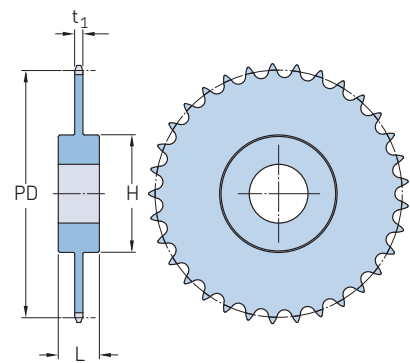
ISO 16B-1 · 25,40 mm pitch | ISO 20B-1 · 31,75 mm pitch



Type A



Type B



Type C

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Min. Max.	H L	t ₁		
mm	—	mm	—	mm			kg	—
25,40	28	226,85	A	20	—	—	4,79	PHS 16B-1A28
			B	—	20 76	120 50	7,72	PHS 16B-1B28
	29	234,92	A	20	—	—	5,14	PHS 16B-1A29
			B	—	20 76	120 50	8,11	PHS 16B-1B29
	30	243,00	A	20	—	—	5,53	PHS 16B-1A30
			B	—	20 76	120 50	8,47	PHS 16B-1B30
	31	251,08	A	25	—	—	5,89	PHS 16B-1A31
			B	—	25 76	120 50	8,78	PHS 16B-1B31
	32	259,13	A	25	—	—	6,33	PHS 16B-1A32
			B	—	25 76	120 50	9,19	PHS 16B-1B32
	33	267,21	A	25	—	—	6,70	PHS 16B-1A33
			B	—	25 76	120 50	9,63	PHS 16B-1B33
	34	275,28	A	25	—	—	7,00	PHS 16B-1A34
			B	—	25 76	120 50	10,02	PHS 16B-1B34
	35	283,36	A	25	—	—	7,60	PHS 16B-1A35
			B	—	25 76	120 50	10,50	PHS 16B-1B35
	36	291,44	A	25	—	—	8,08	PHS 16B-1A36
			B	—	25 76	120 50	10,90	PHS 16B-1B36
	37	299,51	A	25	—	—	8,50	PHS 16B-1A37
			B	—	25 76	120 50	11,30	PHS 16B-1B37
	38	307,59	A	25	—	—	8,98	PHS 16B-1A38
			B	—	25 76	120 50	11,86	PHS 16B-1B38
	39	315,67	A	25	—	—	9,34	PHS 16B-1A39
			B	—	25 76	120 50	12,32	PHS 16B-1B39
31,75	40	323,75	A	25	—	—	9,94	PHS 16B-1A40
			B	—	25 76	125 50	12,86	PHS 16B-1B40
	41	331,82	A	25	—	—	10,50	PHS 16B-1A41
			B	—	25 80	125 68	13,40	PHS 16B-1B41
	42	339,90	A	25	—	—	11,02	PHS 16B-1A42
			B	—	25 80	125 68	13,94	PHS 16B-1B42
	43	347,98	A	25	—	—	11,64	PHS 16B-1A43
			B	—	25 80	125 68	14,48	PHS 16B-1B43
	44	356,06	A	25	—	—	12,08	PHS 16B-1A44
			B	—	25 80	125 68	15,02	PHS 16B-1B44
	45	364,13	A	25	—	—	12,60	PHS 16B-1A45
31,75			B	—	25 65	125 68	13,00	PHS 16B-1B45
	46	372,21	A	25	—	—	13,20	PHS 16B-1A46
			B	—	25 80	125 68	16,10	PHS 16B-1B46
	47	380,29	A	25	—	—	13,94	PHS 16B-1A47
			B	—	25 80	125 68	16,64	PHS 16B-1B47
	48	388,36	A	25	—	—	14,54	PHS 16B-1A48
			B	—	25 80	125 68	17,18	PHS 16B-1B48
	50	404,52	A	25	—	—	15,86	PHS 16B-1A50
			B	—	25 80	125 68	18,26	PHS 16B-1B50

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Hub	Plate thickness	Mass	Designation
		PD		Bore stock Min. Max.	H L	t ₁		
mm	—	mm	—	mm			kg	—
25,40	54	436,85	A	30	—	—	18,51	PHS 16B-1A54
			B	—	25 85	125 68	20,42	PHS 16B-1B54
	57	461,07	A	30	—	—	20,50	PHS 16B-1A57
			B	—	25 65	125 68	15,50	PHS 16B-1B57
	60	485,32	A	30	—	—	22,95	PHS 16B-1A60
			B	—	25 85	133 68	23,66	PHS 16B-1B60
	65	525,73	A	30	—	—	27,03	PHS 16B-1A65
			B	—	25 85	140 68	26,36	PHS 16B-1B65
	70	566,14	A	30	—	—	31,11	PHS 16B-1A70
			C	—	25 108	140 68	29,06	PHS 16B-1C70
	72	582,32	A	30	—	—	32,74	PHS 16B-1A72
			C	—	25 108	140 68	30,14	PHS 16B-1C72
	76	614,65	A	30	—	—	36,00	PHS 16B-1A76
			C	—	25 75	140 68	28,50	PHS 16B-1C76
	80	646,96	A	30	—	—	40,42	PHS 16B-1A80
			C	—	25 108	140 68	34,46	PHS 16B-1C80
	84	679,30	A	30	—	—	44,84	PHS 16B-1A84
			C	—	25 108	140 78	36,62	PHS 16B-1C84
	90	727,81	A	30	—	—	51,47	PHS 16B-1A90
			C	—	25 108	140 78	39,86	PHS 16B-1C90
	95	768,22	A	30	—	—	57,00	PHS 16B-1A95
			C	—	25 85	140 78	42,56	PHS 16B-1C95
	96	766,31	A	30	—	—	58,11	PHS 16B-1A96
			C	—	25 108	140 78	43,10	PHS 16B-1C96
	114	921,81	A	30	—	—	78,00	PHS 16B-1A114
			C	—	25 108	140 78	52,82	PHS 16B-1C114
31,75	8	82,97	A	16	—	—	0,63	PHS 20B-1A8
			B	—	20 57	53 40	1,04	PHS 20B-1B8
	9	92,83	A	16	—	—	0,95	PHS 20B-1A9
			B	—	20 57	63 40	1,45	PHS 20B-1B9
	10	102,75	A	16	—	—	1,27	PHS 20B-1A10
			B	—	20 60	70 40	1,86	PHS 20B-1B10
	11	112,70	A	16	—	—	1,59	PHS 20B-1A11
			B	—	20 70	77 45	2,40	PHS 20B-1B11
	12	122,67	A	20	—	—	1,91	PHS 20B-1A12
			B	—	20 76	88 45	2,95	PHS 20B-1B12
	13	132,67	A	20	—	—	2,18	PHS 20B-1A13
			B	—	20 76	98 45	3,00	PHS 20B-1B13
	14	142,68	A	20	—	—	2,49	PHS 20B-1A14
			B	—	20 76	108 45	3,40	PHS 20B-1B14
	15	152,71	A	20	—	—	2,68	PHS 20B-1A15
			B	—	20 76	118 50	4,31	PHS 20B-1B15
	16	162,75	A	20	—	—	3,08	PHS 20B-1A16
			B	—	20 76	120 50	4,63	PHS 20B-1B16

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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Metric sprockets, simplex, pilot bore

ISO 20B-1 · 31,75 mm pitch | ISO 24B-1 · 38,10 mm pitch

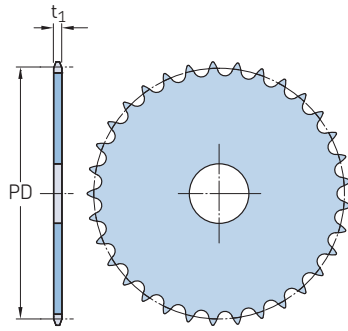
Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore		Hub		Plate thickness	Mass	Designation
PD				Min. Max.		Bore stock	Bore	H	L	t ₁	kg	
mm	–	mm		mm	mm							
31,75	17	172,79	A B	20 –	– 25	– 76	– 120	– 50	– 18,59	3,54 4,99	PHS 20B-1A17 PHS 20B-18H17	
	18	182,84	A B	20 –	– 25	– 76	– 120	– 50	– 18,59	3,81 5,44		
	19	192,90	A B	20 –	– 25	– 76	– 120	– 50	– 18,59	4,31 5,90		
	20	202,96	A B	20 –	– 25	– 76	– 120	– 50	– 18,59	4,58 6,35		
	21	213,03	A B	25 –	– 25	– 76	– 140	– 55	– 18,59	5,17 7,03		
	22	223,10	A B	25 –	– 25	– 76	– 140	– 55	– 18,59	5,72 7,71		
	23	233,17	A B	25 –	– 25	– 84	– 140	– 55	– 18,59	5,99 8,16		
	24	243,25	A B	25 –	– 25	– 84	– 140	– 55	– 18,59	6,62 8,62		
	25	253,32	A B	25 –	– 25	– 84	– 140	– 55	– 18,59	6,94 9,07		
	26	263,41	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	7,62 9,53		
	27	273,49	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	8,35 10,43		
	28	283,57	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	8,85 11,34		
	29	293,66	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	9,43 11,76		
	30	303,75	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	9,98 12,02		
	31	313,83	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	10,73 12,77		
	32	323,92	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	11,49 13,52		
	33	334,01	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	12,24 14,59		
	34	344,10	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	13,00 15,66		
	35	354,20	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	13,75 16,74		
	36	364,29	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	14,50 17,51		
	37	374,38	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	15,25 18,17		
	38	384,48	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	16,01 18,82		
	39	394,57	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	16,76 19,78		
	40	404,67	A B	25 –	– 25	– 84	– 150	– 55	– 18,59	17,52 21,27		
	41	414,77	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	18,27 22,07		
	42	424,88	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	19,03 22,86		
	43	434,96	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	19,78 23,40		
	44	445,06	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	20,53 23,95		
	45	455,15	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	21,29 24,49		
	46	465,25	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	22,04 26,31		

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Bore		Hub		Plate thickness	Mass	Designation
PD				Min. Max.		Bore stock	Bore	H	L	t ₁	kg	
mm	–	mm		mm	mm							
31,75	47	475,35	A B	30 –	– 25	– 84	– 150	– 70	– 18,59	22,79 28,12	PHS 20B-1A47 PHS 20B-18B47	
	48	485,45	A B	30 –	– 25	– 102	– 150	– 70	– 18,59	23,55 29,94		
	49	495,55	A B	30 –	– 25	– 102	– 150	– 70	– 18,59	24,30 31,76		
	50	505,65	A B	30 –	– 25	– 102	– 150	– 70	– 18,59	25,06 33,57		
	51	515,75	A B	30 –	– 25	– 102	– 150	– 80	– 18,59	24,43 35,39		
	52	525,85	A B	30 –	– 25	– 102	– 150	– 80	– 18,59	25,85 37,21		
	53	535,95	A B	30 –	– 25	– 102	– 150	– 80	– 18,59	27,27 39,02		
	54	546,05	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	25,70 32,90		
	55	556,15	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	30,12 34,77		
	56	566,25	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	31,34 36,63		
	57	576,35	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	32,96 38,50		
	58	586,45	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	35,80 40,37		
	59	596,56	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	37,22 42,24		
	60	606,66	A C	30 –	– 25	– 102	– 150	– 80	– 18,59	38,64 44,10		
	70	707,68	A C	30 –	– 25	– 133	– 150	– 80	– 18,59	52,85 65,36		
	72	727,89	A C	30 –	– 25	– 133	– 150	– 80	– 18,59	55,70 67,23		
	76	768,30	A C	30 –	– 25	– 133	– 150	– 80	– 18,59	61,38 70,98		
	80	808,71	A C	30 –	– 25	– 133	– 150	– 80	– 18,59	67,06 74,70		
	84	849,13	A C	30 –	– 25	– 133	– 150	– 90	– 18,59	72,75 78,43		
	90	909,76	A C	30 –	– 25	– 133	– 150	– 90	– 18,59	81,27 84,03		
	95	960,28	A C	30 –	– 25	– 133	– 150	– 90	– 18,59	102,42 117,18		
	96	970,38	A C	30 –	– 25	– 133	– 150	– 90	– 18,59	103,84 117,56		
	114	1 152,27	A C	30 –	– 25	– 133	– 150	– 90	– 18,59	130,84 124,40		
38,10	9	111,40	A B	20 –	– 20	– 45	– 70	– 45	– 24,13	1,69 2,02	PHS 24B-1A9 PHS 24B-18H9	
	10	123,29	A B	20 –	– 20	– 52	– 80	– 45	– 24,13	1,88 2,61		
	11	135,23	A B	20 –	– 25	– 60	– 90	– 50	– 24,13	2,06 3,77		
	12	147,21	A B	20 –	– 25	– 67	– 102	– 50	– 24,13	2,68 4,77		
	13	159,20	A B	20 –	– 25	– 76	– 114	– 50	– 24,13	3,06 5,91		
	14	171,22	A B	20 –	– 25	– 86	– 128	– 50	– 24,13	3,72 6,68		
	15	183,25	A B	20 –	– 25	– 92	– 132	– 50	– 24,13	4,31 7,49		

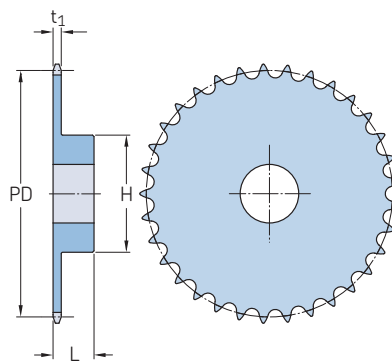
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

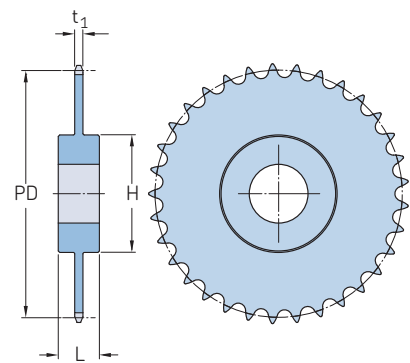
ISO 24B-1 · 38,10 mm pitch | ISO 28B-1 · 44,45 mm pitch



Type A



Type B



Type C

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Bore stock	Bore	Hub	Plate thickness	Mass	Designation
		PD		Min. Max.			H L	t ₁		
mm	-	mm	-	mm					kg	-
38,10	16	195,29	A	25	-	-	-	-	4,86	PHS 24B-1A16
			B	-	25	92	136 55	24,13	9,08	PHS 24B-1BH16
	17	207,35	A	25	-	-	-	-	5,44	PHS 24B-1A17
			B	-	25	92	136 55	24,13	9,76	PHS 24B-1BH17
	18	219,41	A	25	-	-	-	-	6,13	PHS 24B-1A18
			B	-	25	92	136 55	24,13	10,49	PHS 24B-1BH18
	19	231,48	A	25	-	-	-	-	7,03	PHS 24B-1A19
			B	-	25	92	136 55	24,13	11,21	PHS 24B-1BH19
	20	243,55	A	25	-	-	-	-	7,94	PHS 24B-1A20
			B	-	25	92	136 55	24,13	12,26	PHS 24B-1BH20
	21	255,63	A	25	-	-	-	-	8,62	PHS 24B-1A21
			B	-	25	92	150 60	24,13	13,38	PHS 24B-1BH21
	22	267,72	A	25	-	-	-	-	9,76	PHS 24B-1A22
			B	-	25	92	150 60	24,13	13,67	PHS 24B-1BH22
	23	179,80	A	25	-	-	-	-	10,43	PHS 24B-1A23
			B	-	25	92	150 60	24,13	14,74	PHS 24B-1BH23
	24	291,90	A	25	-	-	-	-	11,35	PHS 24B-1A24
			B	-	25	92	150 60	24,13	15,48	PHS 24B-1BH24
	25	303,99	A	25	-	-	-	-	12,47	PHS 24B-1A25
			B	-	25	92	150 60	24,13	16,38	PHS 24B-1BH25
38,10	26	316,09	A	30	-	-	-	-	13,39	PHS 24B-1A26
			B	-	30	102	150 65	24,13	19,43	PHS 24B-1B26
	27	328,19	A	30	-	-	-	-	14,53	PHS 24B-1A27
			B	-	30	102	150 65	24,13	20,39	PHS 24B-1B27
	28	340,29	A	30	-	-	-	-	15,89	PHS 24B-1A28
			B	-	30	102	150 65	24,13	21,34	PHS 24B-1B28
	29	352,39	A	30	-	-	-	-	17,02	PHS 24B-1A29
			B	-	30	102	150 65	24,13	22,79	PHS 24B-1B29
	30	364,49	A	30	-	-	-	-	18,39	PHS 24B-1A30
			B	-	30	102	150 65	24,13	24,25	PHS 24B-1B30
	31	376,60	A	30	-	-	-	-	20,02	PHS 24B-1A31
			B	-	30	102	150 65	24,13	26,19	PHS 24B-1B31
	32	388,71	A	30	-	-	-	-	21,66	PHS 24B-1A32
			B	-	30	102	150 65	24,13	28,12	PHS 24B-1B32
38,10	33	400,82	A	30	-	-	-	-	23,29	PHS 24B-1A33
			B	-	30	102	150 65	24,13	30,05	PHS 24B-1B33
	34	412,93	A	30	-	-	-	-	24,93	PHS 24B-1A34
			B	-	30	102	150 65	24,13	31,99	PHS 24B-1B34
	35	425,04	A	30	-	-	-	-	26,56	PHS 24B-1A35
			B	-	30	102	150 65	24,13	33,93	PHS 24B-1B35
38,10	36	437,15	A	30	-	-	-	-	28,19	PHS 24B-1A36
			B	-	30	102	150 65	24,13	35,86	PHS 24B-1B36
38,10	38	461,37	A	30	-	-	-	-	31,46	PHS 24B-1A38
			B	-	30	102	150 65	24,13	39,73	PHS 24B-1B38

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Bore stock	Bore	Hub	Plate thickness	Mass	Designation
		PD		Min. Max.			H L	t ₁		
mm	-	mm	-	mm					kg	-
38,10	40	485,60	A	30	-	-	-	-	36,23	PHS 24B-1A40
			B	-	30	102	150 65	24,13	42,52	PHS 24B-1B40
	42	509,83	A	30	-	-	-	-	40,99	PHS 24B-1A42
			C	-	30	102	160 90	24,13	45,31	PHS 24B-1C42
	45	546,19	A	30	-	-	-	-	48,14	PHS 24B-1A45
			C	-	30	102	160 90	24,13	50,71	PHS 24B-1C45
	48	482,54	A	30	-	-	-	-	55,29	PHS 24B-1A48
			C	-	30	102	160 90	24,13	57,43	PHS 24B-1C48
	50	606,78	A	30	-	-	-	-	60,05	PHS 24B-1A50
			C	-	30	102	160 90	24,13	61,57	PHS 24B-1C50
	54	655,26	A	30	-	-	-	-	69,58	PHS 24B-1A54
			C	-	30	102	160 100	24,13	69,84	PHS 24B-1C54
	57	691,62	A	30	-	-	-	-	76,73	PHS 24B-1A57
			C	-	30	133	160 100	24,13	76,05	PHS 24B-1C57
	60	727,99	A	30	-	-	-	-	85,19	PHS 24B-1A60
			C	-	30	133	160 100	24,13	80,05	PHS 24B-1C60
	68	824,97	A	40	-	-	-	-	107,74	PHS 24B-1A68
			C	-	30	133	160 100	24,13	93,39	PHS 24B-1C68
	72	873,43	A	40	-	-	-	-	119,02	PHS 24B-1A72
			C	-	30	133	160 100	24,13	111,51	PHS 24B-1C72
	76	921,96	A	40	-	-	-	-	130,30	PHS 24B-1A76
			C	-	30	133	160 100	24,13	129,62	PHS 24B-1C76
38,10	95	921,96	A	40	-	-	-	-	183,88	PHS 24B-1A95
			C	-	30	133	160 100	24,13	215,67	PHS 24B-1C95
	96	921,96	A	40	-	-	-	-	186,70	PHS 24B-1A96
			C	-	30	133	160 100	24,13	220,20	PHS 24B-1C96
	114	921,96	A	40	-	-	-	-	237,46	PHS 24B-1A114
			C	-	30	133	160 100	24,13	301,71	PHS 24B-1C114
	44,45	11	157,77	A	20	-	-	-	3,18	PHS 28B-1A11
			B	-	25	73	112 70	29,44	5,27	PHS 28B-1BH11
	12	171,74	A	20	-	-	-	-	3,95	PHS 28B-1A12
			B	-	25	84	125 70	29,44	6,40	PHS 28B-1BH12
44,45	13	185,74	A	20	-	-	-	-	4,31	PHS 28B-1A13
			B	-	25	93	125 70	29,44	8,22	PHS 28B-1BH13
	14	199,76	A	20	-	-	-	-	4,77	PHS 28B-1A14
			B	-	25	93	125 70	29,44	9,13	PHS 28B-1BH14
	15	213,79	A	20	-	-	-	-	5,45	PHS 28B-1A15
			B	-	25	108	125 70	29,44	11,40	PHS 28B-1BH15
44,45	16	227,84	A	30	-	-	-	-	6,81	PHS 28B-1A16
			B	-	30	108	160 75	29,44	12,76	PHS 28B-1BH16
	17	241,91	A	30	-	-	-	-	7,71	PHS 28B-1A17
44,45			B	-	30	108	160 75	29,44	13,65	PHS 28B-1BH17
	18	255,98	A	30	-	-	-	-	8,63	PHS 28B-1A18
			B	-	30	108	160 75	29,44	13,65	PHS 28B-1BH18

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

ISO 28B-1 · 44,45 mm pitch | ISO 32B-1 · 50,80 mm pitch

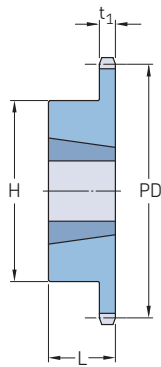
Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Bore	Bore stock	Hub	Plate thickness	Mass	Designation
		PD		Min.	Max.	H	L	t ₁		
mm	–	mm	–	mm					kg	–
44,45	19	270,06	A B	30 –	– 30	– 108	– 160	– 75	9,53 15,01	PHS 28B-1A19 PHS 28B-18H19
	20	284,14	A B	30 –	– 30	– 108	– 160	– 75	10,44 16,84	PHS 28B-1A20 PHS 28B-18H20
	21	298,24	A B	30 –	– 30	– 108	– 160	– 75	11,79 18,19	PHS 28B-1A21 PHS 28B-18H21
	22	312,34	A B	30 –	– 30	– 108	– 160	– 75	13,17 19,11	PHS 28B-1A22 PHS 28B-18H22
	23	326,44	A B	30 –	– 30	– 108	– 160	– 75	14,06 20,46	PHS 28B-1A23 PHS 28B-18H23
	24	340,54	A B	30 –	– 30	– 108	– 160	– 75	15,44 21,84	PHS 28B-1A24 PHS 28B-18H24
	25	354,65	A B	30 –	– 30	– 108	– 160	– 75	16,78 22,73	PHS 28B-1A25 PHS 28B-18H25
	26	368,77	A B	30 –	– 30	– 108	– 160	– 75	18,61 26,83	PHS 28B-1A26 PHS 28B-18H26
	27	382,88	A B	30 –	– 30	– 108	– 160	– 75	20,43 27,74	PHS 28B-1A27 PHS 28B-18H27
	28	397,00	A B	30 –	– 30	– 108	– 160	– 75	20,88 30,29	PHS 28B-1A28 PHS 28B-18H28
	30	425,24	A B	30 –	– 30	– 108	– 160	– 75	25,17 32,73	PHS 28B-1A30 PHS 28B-18H30
	32	453,49	A B	30 –	– 30	– 134	– 180	– 75	31,02 34,84	PHS 28B-1A32 PHS 28B-18H32
	38	538,27	A B	30 –	– 30	– 134	– 180	– 75	48,58 51,25	PHS 28B-1A38 PHS 28B-18H38
	40	566,54	A C	30 –	– 30	– 134	– 180	– 75	52,80 52,84	PHS 28B-1A40 PHS 28B-1C40
	42	594,81	A C	30 –	– 30	– 134	– 180	– 90	57,02 54,43	PHS 28B-1A42 PHS 28B-1C42
	45	637,22	A C	30 –	– 30	– 134	– 180	– 90	63,35 60,55	PHS 28B-1A45 PHS 28B-1C45
	48	679,63	A C	30 –	– 30	– 134	– 180	– 90	69,68 62,72	PHS 28B-1A48 PHS 28B-1C48
	54	764,47	A C	30 –	– 30	– 134	– 180	– 100	82,34 74,60	PHS 28B-1A54 PHS 28B-1C54
	57	806,89	A C	40 –	– 30	– 134	– 180	– 100	88,67 81,77	PHS 28B-1A57 PHS 28B-1C57
	60	849,32	A C	40 –	– 30	– 134	– 180	– 100	97,97 88,94	PHS 28B-1A60 PHS 28B-1C60
	68	962,47	A C	40 –	– 30	– 137	– 180	– 100	122,79 108,05	PHS 28B-1A68 PHS 28B-1C68
	72	1 019,04	A C	40 –	– 30	– 137	– 180	– 100	135,19 117,61	PHS 28B-1A72 PHS 28B-1C72
	76	1 075,62	A C	40 –	– 30	– 137	– 180	– 100	147,60 127,17	PHS 28B-1A76 PHS 28B-1C76
	95	1 344,39	A C	40 –	– 30	– 137	– 180	– 100	206,53 172,57	PHS 28B-1A95 PHS 28B-1C95
50,80	11	180,31	A B	25 –	– 30	– 83	– 120	– 90	5,00 9,04	PHS 32B-1A11 PHS 32B-18H11
	12	196,28	A B	25 –	– 30	– 89	– 133	– 90	6,02 11,11	PHS 32B-1A12 PHS 32B-18H12
	13	212,27	A B	25 –	– 30	– 102	– 145	– 90	7,12 12,61	PHS 32B-1A13 PHS 32B-18H13
	14	228,29	A B	30 –	– 30	– 102	– 145	– 90	8,32 14,97	PHS 32B-1A14 PHS 32B-18H14
	15	244,33	A B	30 –	– 30	– 102	– 145	– 90	9,50 17,32	PHS 32B-1A15 PHS 32B-18H15
	16	260,39	A B	30 –	– 30	– 103	– 160	– 90	11,64 18,78	PHS 32B-1A16 PHS 32B-18H16

Pitch	Number of teeth	Pitch diameter	Type	Dimensions	Bore	Bore stock	Hub	Plate thickness	Mass	Designation
		PD		Min.	Max.	H	L	t ₁		
mm	–	mm	–	mm					kg	–
50,80	17	276,46	A B	30 –	– 30	– 103	– 160	– 90	12,35 20,23	PHS 32B-1A17 PHS 32B-18H17
	18	292,55	A B	30 –	– 30	– 103	– 160	– 90	13,96 21,88	PHS 32B-1A18 PHS 32B-18H18
	19	308,64	A B	30 –	– 30	– 103	– 160	– 90	15,57 23,53	PHS 32B-1A19 PHS 32B-18H19
	20	324,74	A B	30 –	– 30	– 133	– 180	– 90	17,36 25,37	PHS 32B-1A20 PHS 32B-18H20
	21	340,84	A B	30 –	– 30	– 133	– 180	– 90	19,15 27,20	PHS 32B-1A21 PHS 32B-18H21
	22	356,96	A B	30 –	– 30	– 133	– 180	– 90	21,13 29,23	PHS 32B-1A22 PHS 32B-18H22
	23	373,07	A B	30 –	– 30	– 133	– 180	– 90	23,10 31,25	PHS 32B-1A23 PHS 32B-18H23
	24	389,19	A B	30 –	– 30	– 133	– 180	– 90	25,26 35,33	PHS 32B-1A24 PHS 32B-18H24
	25	405,32	A B	30 –	– 30	– 133	– 180	– 90	27,41 36,80	PHS 32B-1A25 PHS 32B-18H25
	26	421,45	A B	30 –	– 30	– 133	– 180	– 90	30,25 39,41	PHS 32B-1A26 PHS 32B-18H26
	27	437,58	A B	30 –	– 30	– 133	– 180	– 90	33,10 42,02	PHS 32B-1A27 PHS 32B-18H27
	28	453,72	A B	30 –	– 30	– 133	– 180	– 90	35,94 44,62	PHS 32B-1A28 PHS 32B-18H28
	30	485,99	A B	30 –	– 30	– 133	– 180	– 90	41,63 49,84	PHS 32B-1A30 PHS 32B-18H30
	32	518,28	A B	30 –	– 30	– 139	– 180	– 90	47,31 58,02	PHS 32B-1A32 PHS 32B-18H32
	38	615,17	A B	30 –	– 30	– 139	– 180	– 90	64,37 86,78	PHS 32B-1A38 PHS 32B-18H38
	40	647,47	A C	40 –	– 30	– 139	– 180	– 90	72,98 91,35	PHS 32B-1A40 PHS 32B-1C40
	42	679,78	A C	40 –	– 30	– 139	– 180	– 90	81,60 95,91	PHS 32B-1A42 PHS 32B-1C42
	45	728,25	A C	40 –	– 30	– 139	– 180	– 100	94,52 116,97	PHS 32B-1A45 PHS 32B-1C45
	48	790,72	A C	40 –	– 30	– 139	– 180	– 100	107,44 130,43	PHS 32B-1A48 PHS 32B-1C48
	54	873,68	A C	40 –	– 30	– 139	– 180	– 100	133,29 157,34	PHS 32B-1A54 PHS 32B-1C54
	57	922,16	A C	40 –	– 30	– 139	– 180	– 100	146,21 190,79	PHS 32B-1A57 PHS 32B-1C57
	60	990,65	A C	40 –	– 30	– 139	– 200	– 110	164,35 184,25	PHS 32B-1A60 PHS 32B-1C60
	68	1 099,96	A C	40 –	– 30	– 139	– 200	– 110	212,73 220,13	PHS 32B-1A68 PHS 32B-1C68
	72	1 164,62	A C	40 –	– 30	– 139	– 200	– 110	236,91 282,31	PHS 32B-1A72 PHS 32B-1C72
	90	1 229,28	A C	40 –	– 30	– 139	– 200	– 110	261,10 297,99	PHS 32B-1A90 PHS 32B-1C90

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, taper bushed

ISO 06B-1 · 9,525 mm pitch | ISO 08B-1 · 12,70 mm pitch



Type B

Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions				Plate thickness	Mass Rim	Bushing	Designation
		PD			Min.	Max.	L	H	t ₁			
mm	–	mm	–	–	mm					kg		–
9,525	16	48,82	B	1008	9	25,4	22,0	42,0 ¹⁾	5,31	0,12	0,09	PHS 06B-1TBH16
	17	51,83	B	1008	9	25,4	22,0	45,0	5,31	0,13	0,09	PHS 06B-1TBH17
	18	54,85	B	1008	9	25,4	22,0	45,0	5,31	0,14	0,09	PHS 06B-1TBH18
	19	57,87	B	1008	9	25,4	22,0	45,0	5,31	0,16	0,09	PHS 06B-1TBH19
	20	60,89	B	1008	9	25,4	22,0	46,0	5,31	0,18	0,09	PHS 06B-1TBH20
	21	63,91	B	1008	9	25,4	22,0	46,0	5,31	0,20	0,09	PHS 06B-1TBH21
	22	66,93	B	1108	9	28,0	22,0	52,0	5,31	0,24	0,12	PHS 06B-1TBH22
	23	69,95	B	1210	11	31,8	25,0	63,0 ¹⁾	5,31	0,30	0,21	PHS 06B-1TBH23
	24	72,97	B	1210	11	31,8	25,0	63,0	5,31	0,32	0,21	PHS 06B-1TBH24
	25	76,00	B	1210	11	31,8	25,0	63,0	5,31	0,35	0,21	PHS 06B-1TBH25
	26	79,02	B	1210	11	31,8	25,0	63,0	5,31	0,35	0,21	PHS 06B-1TB26
	27	82,05	B	1210	11	31,8	25,0	63,0	5,31	0,38	0,21	PHS 06B-1TB27
	28	85,07	B	1210	11	31,8	25,0	63,0	5,31	0,38	0,21	PHS 06B-1TB28
	29	88,09	B	1210	11	31,8	25,0	63,0	5,31	0,40	0,21	PHS 06B-1TB29
	30	91,12	B	1210	11	31,8	25,0	63,0	5,31	0,41	0,21	PHS 06B-1TB30
	32	97,18	B	1210	11	31,8	25,0	63,0	5,31	0,58	0,21	PHS 06B-1TB32
	35	106,26	B	1210	11	31,8	25,0	63,0	5,31	0,76	0,21	PHS 06B-1TB35
	36	109,29	B	1210	11	31,8	25,0	63,0	5,31	0,82	0,21	PHS 06B-1TB36
	38	115,35	B	1210	11	31,8	25,0	70,0	5,31	0,94	0,21	PHS 06B-1TB38
	40	121,40	B	1210	11	31,8	25,0	70,0	5,31	1,06	0,21	PHS 06B-1TB40
	45	136,55	B	1210	11	31,8	25,0	70,0	5,31	1,36	0,21	PHS 06B-1TB45
	48	145,65	B	1210	11	31,8	25,0	70,0	5,31	1,54	0,21	PHS 06B-1TB48
	54	163,82	B	1210	11	31,8	25,0	70,0	5,31	1,90	0,21	PHS 06B-1TB54
	57	172,90	B	1210	11	31,8	25,0	70,0	5,31	1,60	0,21	PHS 06B-1TB57
	60	182,00	B	1210	11	31,8	25,0	70,0	5,31	2,26	0,21	PHS 06B-1TB60
	70	212,30	B	1210	11	31,8	25,0	70,0	5,31	2,86	0,21	PHS 06B-1TB70
	76	230,49	B	1210	11	31,8	25,0	70,0	5,31	2,43	0,21	PHS 06B-1TB76
	95	288,08	B	1210	11	31,8	25,0	110,0	5,31	2,72	0,21	PHS 06B-1TB95
	114	345,68	B	1215	11	31,8	25,0	110,0	5,31	5,50	0,31	PHS 06B-1TB114
12,70	14	57,07	B	1008	9	25,4	22,0	46,0 ¹⁾	7,37	0,12	0,14	PHS 08B-1TBH14
	15	61,09	B	1008	9	25,4	22,0	45,0	7,37	0,18	0,14	PHS 08B-1TBH15
	16	65,10	B	1108	9	28,0	22,0	52,0	7,37	0,24	0,16	PHS 08B-1TBH16
	17	69,11	B	1210	11	31,8	25,0	60,0 ¹⁾	7,37	0,24	0,27	PHS 08B-1TBH17
	18	73,14	B	1210	11	31,8	25,0	60,0 ¹⁾	7,37	0,30	0,27	PHS 08B-1TBH18
	19	77,16	B	1210	11	31,8	25,0	63,0	7,37	0,33	0,27	PHS 08B-1TBH19
	20	81,19	B	1610	11	31,8	25,0	71,0	7,37	0,32	0,41	PHS 08B-1TBH20
	21	85,22	B	1610	14	41,3	25,0	71,0	7,37	0,37	0,41	PHS 08B-1TBH21
	22	89,24	B	1610	14	41,3	25,0	76,0	7,37	0,50	0,41	PHS 08B-1TBH22
	23	93,27	B	1610	14	41,3	25,0	76,0	7,37	0,53	0,41	PHS 08B-1TBH23
	24	97,29	B	1610	14	41,3	25,0	76,0	7,37	0,54	0,41	PHS 08B-1TBH24
	25	101,33	B	1610	14	41,3	25,0	76,0	7,37	0,59	0,41	PHS 08B-1TBH25
	26	105,36	B	1610	14	41,3	25,0	76,0	7,37	0,61	0,41	PHS 08B-1TB26
	27	109,40	B	1610	14	41,3	25,0	76,0	7,37	0,94	0,41	PHS 08B-1TB27
	28	113,42	B	2012	14	50,8	25,0	90,0	7,37	0,86	0,77	PHS 08B-1TB28
	29	117,46	B	2012	14	50,8	25,0	90,0	7,37	0,90	0,77	PHS 08B-1TB29
	30	121,50	B	2012	14	50,8	32,0	90,0	7,37	0,94	0,59	PHS 08B-1TB30
	32	129,57	B	2012	14	50,8	32,0	90,0	7,37	1,12	0,59	PHS 08B-1TB32
	35	141,68	B	2012	14	50,8	32,0	90,0	7,37	1,30	0,59	PHS 08B-1TB35
	36	145,72	B	2012	14	50,8	32,0	90,0	7,37	1,48	0,59	PHS 08B-1TB36
	38	153,80	B	2012	14	50,8	32,0	90,0	7,37	1,67	0,59	PHS 08B-1TB38
	40	161,87	B	2012	14	50,8	32,0	90,0	7,37	1,80	0,59	PHS 08B-1TB40
	42	169,94	B	2012	14	50,8	32,0	100,0	7,37	1,93	0,59	PHS 08B-1TB42
	45	182,07	B	2012	14	50,8	32,0	100,0	7,37	2,06	0,59	PHS 08B-1TB45
	48	194,18	B	2012	14	50,8	32,0	100,0	7,37	2,36	0,59	PHS 08B-1TB48

¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

ISO 08B-1 · 12,70 mm pitch | ISO 10B-1 · 15,88 mm pitch | ISO 12B-1 · 19,05 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions		L	H	Plate thickness	Mass	Bushing	Designation
		PD			Min.	Max.			t ₁	Rim		
mm	–	mm	–	–	mm					kg		–
12,70	54	218,42	B	2012	14	50,8	32,0	100,0	7,37	2,66	0,59	PHS 08B-1TB54
	57	230,53	B	2012	14	50,8	32,0	100,0	7,37	3,07	0,59	PHS 08B-1TB57
	60	242,66	B	2012	14	50,8	32,0	100,0	7,37	3,23	0,59	PHS 08B-1TB60
	70	283,07	B	2012	14	50,8	32,0	100,0	7,37	3,39	0,59	PHS 08B-1TB70
	72	291,15	B	2012	14	50,8	32,0	100,0	7,37	3,55	0,59	PHS 08B-1TB72
	76	307,31	B	2012	14	50,8	32,0	100,0	7,37	3,71	0,59	PHS 08B-1TB76
	80	323,49	B	2012	14	50,8	32,0	100,0	7,37	4,55	0,59	PHS 08B-1TB80
	84	339,65	B	2012	14	50,8	32,0	100,0	7,37	5,39	0,59	PHS 08B-1TB84
	95	384,10	B	2012	14	50,8	32,0	100,0	7,37	6,23	0,59	PHS 08B-1TB95
	96	388,15	B	2012	14	50,8	32,0	100,0	7,37	7,00	0,59	PHS 08B-1TB96
	114	460,90	B	2517	16	63,5	45,0	110,0	7,37	8,10	1,30	PHS 08B-1TB114
	12	61,34	B	1008	9	25,4	22,0	49,2 ¹⁾	9,17	0,21	0,09	PHS 10B-1TBH12
	13	66,32	B	1008	9	25,4	22,0	47,0	9,17	0,25	0,09	PHS 10B-1TBH13
	14	71,34	B	1108	9	25,4	22,0	52,0	9,17	0,27	0,12	PHS 10B-1TBH14
	15	76,36	B	1210	11	31,8	25,0	60,0	9,17	0,33	0,21	PHS 10B-1TBH15
	16	81,37	B	1610	14	41,3	25,0	70,6 ⁴⁾	9,17	0,32	0,31	PHS 10B-1TBH16
15,88	17	86,39	B	1610	14	41,3	25,0	71,0 ⁴⁾	9,17	0,40	0,31	PHS 10B-1TBH17
	18	91,42	B	1610	14	41,3	25,0	75,0	9,17	0,50	0,31	PHS 10B-1TBH18
	19	96,45	B	1610	14	41,3	25,0	75,0	9,17	0,56	0,31	PHS 10B-1TBH19
	20	101,49	B	1610	14	41,3	25,0	76,0	9,17	0,64	0,31	PHS 10B-1TBH20
	21	106,52	B	1610	14	41,3	25,0	76,0	9,17	0,69	0,31	PHS 10B-1TBH21
	22	111,55	B	1610	14	41,3	25,0	76,0	9,17	0,75	0,31	PHS 10B-1TBH22
	23	116,58	B	1610	14	41,3	25,0	76,0	9,17	0,81	0,31	PHS 10B-1TBH23
	24	121,62	B	2012	14	50,8	32,0	90,0	9,17	1,00	0,59	PHS 10B-1TBH24
	25	126,66	B	2012	14	50,8	32,0	90,0	9,17	1,06	0,59	PHS 10B-1TBH25
	26	131,70	B	2012	14	50,8	32,0	90,0	9,17	1,14	0,59	PHS 10B-1TB26
	27	136,75	B	2012	14	50,8	32,0	90,0	9,17	1,19	0,59	PHS 10B-1TB27
	28	141,78	B	2012	14	50,8	32,0	90,0	9,17	1,28	0,59	PHS 10B-1TB28
	29	146,83	B	2012	14	50,8	32,0	90,0	9,17	1,37	0,59	PHS 10B-1TB29
	30	151,87	B	2012	14	50,8	32,0	90,0	9,17	1,65	0,59	PHS 10B-1TB30
	32	161,96	B	2012	14	50,8	32,0	98,0	9,17	2,21	0,59	PHS 10B-1TB32
	35	177,10	B	2012	14	50,8	32,0	98,0	9,17	3,05	0,59	PHS 10B-1TB35
	36	182,15	B	2012	14	50,8	32,0	98,0	9,17	3,33	0,59	PHS 10B-1TB36
	38	192,24	B	2012	14	50,8	32,0	100,0	9,17	3,89	0,59	PHS 10B-1TB38
	40	202,33	B	2012	14	50,8	32,0	100,0	9,17	4,45	0,59	PHS 10B-1TB40
	42	212,43	B	2012	14	50,8	32,0	100,0	9,17	5,01	0,59	PHS 10B-1TB42
	45	227,58	B	2012	14	50,8	32,0	100,0	9,17	3,97	0,59	PHS 10B-1TB45
	48	242,73	B	2012	14	50,8	32,0	100,0	9,17	6,69	0,59	PHS 10B-1TB48
	54	273,03	B	2012	14	50,8	32,0	100,0	9,17	8,37	0,59	PHS 10B-1TB54
	57	288,19	B	2012	14	50,8	32,0	100,0	9,17	5,45	0,59	PHS 10B-1TB57
	60	303,33	B	2012	14	50,8	32,0	100,0	9,17	10,05	0,59	PHS 10B-1TB60
	70	353,84	B	2012	16	63,5	45,0	100,0	9,17	12,85	1,30	PHS 10B-1TB70
	72	363,95	B	2012	16	63,5	45,0	100,0	9,17	13,41	1,30	PHS 10B-1TB72
	76	384,15	B	2012	14	50,8	45,0	100,0	9,17	7,43	0,59	PHS 10B-1TB76
	80	404,35	B	2012	16	63,5	45,0	110,0	9,17	15,65	1,30	PHS 10B-1TB80
	84	424,70	B	2012	16	63,5	45,0	110,0	9,17	16,77	1,30	PHS 10B-1TB84
	95	480,14	B	2517	14	50,8	45,0	110,0	9,17	19,85	0,59	PHS 10B-1TB95
	96	485,30	B	2517	16	63,5	45,0	110,0	9,17	20,13	1,30	PHS 10B-1TB96
	114	576,13	B	2517	16	63,5	45,0	110,0	9,17	25,17	1,30	PHS 10B-1TB114
	11	67,61	B	1008	9	25,4	22,0	46,0	11,10	0,22	0,09	PHS 12B-1TBH11
	12	73,61	B	1008	9	25,4	22,0	49,2	11,10	0,30	0,09	PHS 12B-1TBH12
	13	79,59	B	1210	11	31,8	25,0	60,0	11,10	0,38	0,21	PHS 12B-1TBH13
	14	85,61	B	1610	14	41,3	25,0	70,0	11,10	0,46	0,31	PHS 12B-1TBH14
	15	91,63	B	1610	14	41,3	25,0	70,0	11,10	0,48	0,31	PHS 12B-1TBH15
	16	97,65	B	1610	14	41,3	25,0	75,0	11,10	0,60	0,31	PHS 12B-1TBH16
	17	103,67	B	1610	14	41,3	25,0	76,0	11,10	0,70	0,31	PHS 12B-1TBH17
	18	109,71	B	2012	14	50,8	32,0	90,0	11,10	0,86	0,59	PHS 12B-1TBH18
	19	115,75	B	2012	14	50,8	32,0	90,0	11,10	0,98	0,59	PHS 12B-1TBH19
	20	121,78	B	2012	14	50,8	32,0	95,0	11,10	1,25	0,59	PHS 12B-1TBH20
	21	127,82	B	2517	16	63,5	45,0	102,0	11,10	1,28	1,30	PHS 12B-1TBH21
	22	133,86	B	2517	16	63,5	45,0	102,0	11,10	1,37	1,30	PHS 12B-1TBH22
	23	139,90	B	2517	16	63,5	45,0	108,0	11,10	1,75	1,30	PHS 12B-1TBH23
	24	145,94	B	2517	16	63,5	45,0	108,0	11,10	1,85	1,30	PHS 12B-1TBH24
	25	152,00	B	2517	16	63,5	45,0	108,0	11,10	1,95	1,30	PHS 12B-1TBH25
	26	158,04	B	2517	16	63,5	45,0	108,0	11,10	2,09	1,30	PHS 12B-1TB26
	27	164,09	B	2517	16	63,5	45,0	108,0	11,10	2,22	1,30	PHS 12B-1TB27
	28	170,13	B	2517	16	63,5	45,0	108,0	11,10	2,36	1,30	PHS 12B-1TB28
	29	176,19	B	2517	16	63,5	45,0	108,0	11,10	2,75	1,30	PHS 12B-1TB29
	30	182,25	B	2517	16	63,5	45,0	108,0	11,10	2,89	1,30	PHS 12B-1TB30
	32	194,36	B	2517	16	63,5	45,0	108,0	11,10	3,59	1,30	PHS 12B-1TB32
	35	212,52	B	2517	16	63,5	45,0	108,0	11,10	4,41	1,30	PHS 12B-1TB35
	36	218,58	B	2517	16	63,5	45,0	108,0	11,10	4,68	1,30	PHS 12B-1TB36
	38	230,69	B	2517	16	63,5	45,0	108,0	11,10	4,60	1,30	PHS 12B-1TB38

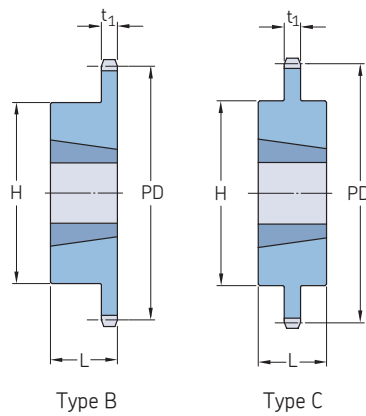
¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

ISO 12B-1 · 19,05 mm pitch | ISO 16B-1 · 25,40 mm pitch



Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions				Plate thickness	Mass Rim	Bushing	Designation	
					Bore		L	H					
					Min.	Max.							
mm	—	mm	—	—	mm				t ₁	kg	—		
19,05	40	242,81	B	2517	16	63,5	45,0	108,0	11,10	5,78	1,30	PHS 12B-1TB40	
	42	254,93	B	2517	16	63,5	45,0	108,0	11,10	6,33	1,30	PHS 12B-1TB42	
	45	273,10	B	2517	16	63,5	45,0	108,0	11,10	5,70	1,30	PHS 12B-1TB45	
	48	291,27	B	2517	16	63,5	45,0	108,0	11,10	7,97	1,30	PHS 12B-1TB48	
	54	327,64	B	2517	16	63,5	45,0	108,0	11,10	9,61	1,30	PHS 12B-1TB54	
	57	345,81	B	2517	16	63,5	45,0	108,0	11,10	6,49	1,30	PHS 12B-1TB57	
	60	363,99	B	2517	16	63,5	45,0	108,0	11,10	11,25	1,30	PHS 12B-1TB60	
	68	412,49	B	2517	16	63,5	45,0	108,0	11,10	13,44	1,30	PHS 12B-1TB68	
	70	424,60	B	2517	16	63,5	45,0	108,0	11,10	13,99	1,30	PHS 12B-1TB70	
	72	436,74	B	2517	16	63,5	45,0	108,0	11,10	14,54	1,30	PHS 12B-1TB72	
	76	460,99	B	2517	16	63,5	45,0	108,0	11,10	11,20	1,30	PHS 12B-1TB76	
	84	509,48	B	2517	16	63,5	45,0	108,0	11,10	17,82	1,30	PHS 12B-1TB84	
	95	576,17	B	2517	16	63,5	45,0	108,0	11,10	17,64	1,30	PHS 12B-1TB95	
	96	582,23	B	2517	16	63,5	45,0	108,0	11,10	21,11	1,30	PHS 12B-1TB96	
	114	691,36	B	2517	16	63,5	64,0	108,0	11,10	26,04	1,30	PHS 12B-1TB114	
	25,40	10	82,19	B	1215	11	31,8	38,0	62,7	16,18	0,34	0,30	PHS 16B-1TBH10
		11	90,14	B	1215	11	31,8	38,0	62,7	16,18	0,57	0,30	PHS 16B-1TBH11
		12	98,14	B	1615	14	41,3	38,0	76,2	16,18	0,81	0,43	PHS 16B-1TBH12
		13	106,12	B	1615	14	41,3	38,0	73,0	16,18	1,03	0,43	PHS 16B-1TBH13
		14	114,15	B	1615	14	41,3	38,0	78,0	16,18	1,26	0,43	PHS 16B-1TBH14
15		122,17	B	1615	14	41,3	38,0	76,0	16,18	1,40	0,43	PHS 16B-1TBH15	
16		130,20	B	2012	14	50,8	32,0	90,0	16,18	1,42	0,59	PHS 16B-1TBH16	
17		138,22	B	2012	14	50,8	32,0	90,0	16,18	1,60	0,59	PHS 16B-1TBH17	
18		146,28	B	2517	16	63,5	45,0	108,0	16,18	2,09	1,30	PHS 16B-1TBH18	
19		154,33	B	2517	16	63,5	45,0	108,0	16,18	2,30	1,30	PHS 16B-1TBH19	
20		162,38	B	2517	16	63,5	45,0	110,0	16,18	2,56	1,30	PHS 16B-1TBH20	
21		170,43	B	2517	16	63,5	45,0	110,0	16,18	2,80	1,30	PHS 16B-1TBH21	
22		178,48	B	2517	16	63,5	45,0	110,0	16,18	3,36	1,30	PHS 16B-1TBH22	
23		186,53	B	2517	16	63,5	45,0	110,0	16,18	3,34	1,30	PHS 16B-1TBH23	
24		194,59	B	2517	16	63,5	45,0	110,0	16,18	3,66	1,30	PHS 16B-1TBH24	
25		202,66	B	2517	16	63,5	45,0	110,0	16,18	3,96	1,30	PHS 16B-1TBH25	
26		210,72	B	2517	16	63,5	45,0	110,0	16,18	4,26	1,30	PHS 16B-1TB26	
27		218,79	B	2517	16	63,5	45,0	110,0	16,18	4,63	1,30	PHS 16B-1TB27	
28		226,85	B	2517	16	63,5	45,0	140,0	16,18	4,97	1,30	PHS 16B-1TB28	
29		234,92	B	3020	25	76,2	51,0	140,0	16,18	6,24	2,24	PHS 16B-1TB29	
30		243,00	B	3020	25	76,2	51,0	140,0	16,18	6,67	2,24	PHS 16B-1TB30	
32		259,13	B	3020	25	76,2	51,0	140,0	16,18	8,37	2,24	PHS 16B-1TB32	
35		283,36	B	3020	25	76,2	51,0	140,0	16,18	10,92	2,24	PHS 16B-1TB35	
36		291,44	B	3020	25	76,2	51,0	140,0	16,18	11,77	2,24	PHS 16B-1TB36	
38		307,59	B	3020	25	76,2	51,0	140,0	16,18	9,49	2,24	PHS 16B-1TB38	
40		323,75	B	3020	25	76,2	51,0	140,0	16,18	15,17	2,24	PHS 16B-1TB40	
45		364,13	B	3020	25	76,2	51,0	140,0	16,18	11,70	2,24	PHS 16B-1TB45	
48		388,36	B	3020	25	76,2	51,0	140,0	16,18	18,91	2,24	PHS 16B-1TB48	
54		436,85	B	3020	25	76,2	51,0	140,0	16,18	21,72	2,24	PHS 16B-1TB54	
57		461,07	B	3020	25	76,2	51,0	140,0	16,18	15,00	2,24	PHS 16B-1TB57	
60		485,32	B	3020	25	76,2	51,0	140,0	16,18	24,52	2,24	PHS 16B-1TB60	
64		517,65	B	3020	25	76,2	51,0	140,0	16,18	26,39	2,24	PHS 16B-1TB64	
70		566,14	B	3020	25	76,2	51,0	140,0	16,18	29,20	2,24	PHS 16B-1TB70	
76		614,65	B	3020	25	76,2	51,0	140,0	16,18	23,00	2,24	PHS 16B-1TB76	
80		646,96	B	3020	25	76,2	51,0	140,0	16,18	33,87	2,24	PHS 16B-1TB80	
84		679,30	B	3020	25	76,2	51,0	140,0	16,18	35,74	2,24	PHS 16B-1TB84	
95		768,22	B	3020	25	76,2	51,0	140,0	16,18	40,88	2,24	PHS 16B-1TB95	
114		921,81	B	3020	25	76,2	76,0	140,0	16,18	49,77	2,24	PHS 16B-1TB114	

¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

ISO 20B-1 · 31,75 mm pitch | ISO 24B-1 · 38,10 mm pitch | ISO 28B-1 · 44,45 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions				Plate thickness	Mass Rim	Bushing	Designation
		PD			Min.	Max.	L	H				
mm	–	mm	–	–	mm				t ₁	kg		–
31,75	11	112,70	B	1615	14	41,3	38,0	62,7	18,59	1,22	0,43	PHS 20B-1TBH11
	12	122,67	B	1615	14	41,3	38,0	70,6	18,59	1,41	0,43	PHS 20B-1TBH12
	13	132,67	B	2012	14	50,8	32,0	90,0	18,59	1,45	0,59	PHS 20B-1TBH13
	14	142,68	B	2012	14	50,8	32,0	90,5	18,59	1,63	0,59	PHS 20B-1TBH14
	15	152,71	B	2517	16	63,5	45,0	108,0	18,59	2,31	1,30	PHS 20B-1TBH15
	16	162,75	B	2517	16	63,5	45,0	108,0	18,59	2,72	1,30	PHS 20B-1TBH16
	17	172,79	B	2517	16	63,5	45,0	108,0	18,59	3,27	1,30	PHS 20B-1TBH17
	18	182,84	B	2517	16	63,5	45,0	108,0	18,59	3,63	1,30	PHS 20B-1TBH18
	19	192,90	B	2517	16	63,5	45,0	108,0	18,59	4,09	1,30	PHS 20B-1TBH19
	20	202,96	B	2517	16	63,5	45,0	108,0	18,59	4,40	1,30	PHS 20B-1TBH20
	21	213,03	B	2517	16	63,5	45,0	108,0	18,59	4,54	1,30	PHS 20B-1TBH21
	22	223,10	B	2517	16	63,5	45,0	108,0	18,59	4,77	1,30	PHS 20B-1TBH22
	23	233,17	B	2517	16	63,5	45,0	108,0	18,59	5,58	1,30	PHS 20B-1TBH23
	24	243,25	B	2517	16	63,5	45,0	108,0	18,59	6,13	1,30	PHS 20B-1TBH24
	25	253,32	B	2517	16	63,5	45,0	108,0	18,59	6,95	1,30	PHS 20B-1TBH25
	26	263,41	B	2517	16	63,5	51,0	108,0	18,59	7,35	1,30	PHS 20B-1TB26
	28	283,57	B	3020	25	76,2	51,0	150,0	18,59	7,90	2,24	PHS 20B-1TB28
	30	303,75	B	3020	25	76,2	51,0	150,0	18,59	9,62	2,24	PHS 20B-1TB30
	32	323,92	B	3020	25	76,2	51,0	160,0	18,59	11,03	2,24	PHS 20B-1TB32
	35	354,20	B	3020	25	76,2	51,0	160,0	18,59	13,15	2,24	PHS 20B-1TB35
	36	364,29	B	3020	25	76,2	51,0	160,0	18,59	13,86	2,24	PHS 20B-1TB36
	38	384,48	B	3020	25	76,2	51,0	160,0	18,59	15,98	2,24	PHS 20B-1TB38
	40	404,67	B	3020	25	76,2	51,0	160,0	18,59	19,43	2,24	PHS 20B-1TB40
	45	455,15	B	3020	25	76,2	51,0	160,0	18,59	25,18	2,24	PHS 20B-1TB45
	48	485,45	B	3020	25	76,2	51,0	160,0	18,59	28,62	2,24	PHS 20B-1TB48
	54	546,05	B	3020	25	76,2	51,0	160,0	18,59	35,52	2,24	PHS 20B-1TB54
	57	576,35	B	3020	25	76,2	51,0	160,0	18,59	37,82	2,24	PHS 20B-1TB57
	60	606,66	B	3020	25	76,2	51,0	160,0	18,59	41,27	2,24	PHS 20B-1TB60
	70	707,68	C	3535	35	88,9	51,0	160,0	24,13	51,56	5,18	PHS 20B-1TB70
	72	727,89	C	3535	35	88,9	51,0	160,0	24,13	53,97	5,18	PHS 20B-1TB72
	76	768,30	C	3535	35	88,9	51,0	160,0	24,13	60,33	5,18	PHS 20B-1TB76
	80	808,71	C	3535	35	88,9	51,0	160,0	24,13	66,23	5,18	PHS 20B-1TB80
	84	849,13	C	3535	35	88,9	51,0	160,0	24,13	73,48	5,18	PHS 20B-1TB84
	90	909,76	C	3535	35	88,9	51,0	160,0	24,13	94,33	5,18	PHS 20B-1TB90
	95	960,28	C	3535	35	88,9	51,0	160,0	24,13	96,16	5,18	PHS 20B-1TB95
38,10	11	135,23	B	2012	14	50,8	31,8	90,5	24,13	2,28	0,59	PHS 24B-1TBH11
	12	147,21	B	2012	14	50,8	31,8	90,5	24,13	2,49	0,59	PHS 24B-1TBH12
	13	159,20	B	2517	16	63,5	44,5	107,9	24,13	2,77	1,30	PHS 24B-1TBH13
	14	171,22	B	2517	16	63,5	44,5	107,9	24,13	3,54	1,30	PHS 24B-1TBH14
	15	183,25	B	2517	16	63,5	44,5	107,9	24,13	4,31	1,30	PHS 24B-1TBH15
	16	195,29	B	3020	25	76,2	50,8	133,4	24,13	4,77	2,24	PHS 24B-1TBH16
	17	207,35	B	3020	25	76,2	50,8	133,4	24,13	5,45	2,24	PHS 24B-1TBH17
	18	219,41	B	3020	25	76,2	50,8	133,4	24,13	6,13	2,24	PHS 24B-1TBH18
	19	231,48	B	3020	25	76,2	50,8	133,4	24,13	6,81	2,24	PHS 24B-1TBH19
	20	243,55	B	3020	25	76,2	50,8	133,4	24,13	7,49	2,24	PHS 24B-1TBH20
	21	255,63	B	3020	25	76,2	50,8	133,4	24,13	7,94	2,24	PHS 24B-1TBH21
	22	267,72	B	3020	25	76,2	50,8	133,4	24,13	8,75	2,24	PHS 24B-1TBH22
	23	279,80	B	3020	25	76,2	50,8	133,4	24,13	9,53	2,24	PHS 24B-1TBH23
	24	291,90	B	3020	25	76,2	50,8	133,4	24,13	10,67	2,24	PHS 24B-1TBH24
	25	303,99	B	3020	25	76,2	50,8	133,4	24,13	11,80	2,24	PHS 24B-1TBH25
	26	316,09	B	3020	25	76,2	50,8	133,4	24,13	12,93	2,24	PHS 24B-1TB26
	27	328,19	B	3020	25	76,2	50,8	133,4	24,13	13,50	2,24	PHS 24B-1TB27
	28	340,29	B	3020	25	76,2	50,8	133,4	24,13	14,70	2,24	PHS 24B-1TB28
	29	352,29	B	3020	25	76,2	50,8	133,4	24,13	14,75	2,24	PHS 24B-1TB29
	30	364,49	B	3020	25	76,2	50,8	133,4	24,13	15,20	2,24	PHS 24B-1TB30
	32	388,71	B	3020	25	76,2	50,8	133,4	24,13	15,76	2,24	PHS 24B-1TB32
	38	461,37	B	3030	35	76,2	76,2	139,7	24,13	24,97	3,04	PHS 24B-1TB38
	40	485,60	C	3030	35	76,2	76,2	139,7	24,13	28,46	3,04	PHS 24B-1TB40
	42	509,83	C	3030	35	76,2	76,2	139,7	24,13	31,95	3,04	PHS 24B-1TB42
	45	546,19	C	3030	35	76,2	76,2	139,7	24,13	37,19	3,04	PHS 24B-1TB45
	48	582,54	C	3030	35	76,2	76,2	139,7	24,13	42,43	3,04	PHS 24B-1TB48
	50	606,78	C	3030	35	76,2	76,2	139,7	24,13	45,92	3,04	PHS 24B-1TB50
	54	655,26	C	3535	35	88,9	88,9	165,1	24,13	63,32	5,18	PHS 24B-1TB54
	57	691,62	C	3535	35	88,9	88,9	165,1	24,13	71,46	5,18	PHS 24B-1TB57
	60	727,99	C	3535	35	88,9	88,9	165,1	24,13	79,60	5,18	PHS 24B-1TB60
	68	824,97	C	3535	35	88,9	88,9	165,1	24,13	101,31	5,18	PHS 24B-1TB68
	72	873,46	C	3535	35	88,9	88,9	165,1	24,13	112,17	5,18	PHS 24B-1TB72
	76	921,96	C	3535	35	88,9	88,9	165,1	24,13	123,02	5,18	PHS 24B-1TB76
	95	1 152,33	C	4040	40	101,6	101,6	196,9	24,13	196,67	8,27	PHS 24B-1TB95
	96	1 164,46	C	4040	40	101,6	101,6	196,9	24,13	201,03	8,27	PHS 24B-1TB96
	114	1 382,72	C	4040	40	101,6	101,6	196,9	24,13	279,50	8,27	PHS 24B-1TB114
44,45	11	157,77	B	2517	16	63,5	44,5	107,9	29,44	3,53	1,30	PHS 28B-1TBH11
	12	171,74	B	2517	16	63,5	44,5	107,9	29,44	3,86	1,30	PHS 28B-1TBH12

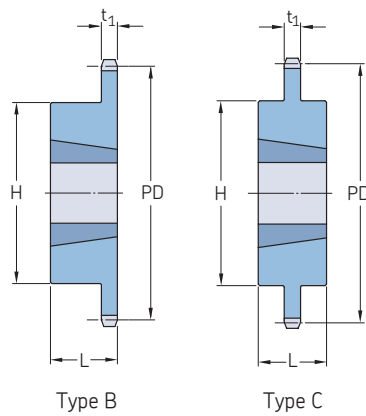
¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

ISO 28B-1 · 44,45 mm pitch | ISO 32B-1 · 50,80 mm pitch



Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions		L	H	Plate thickness	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	–	mm	–	–	mm				t ₁	kg		–
44,45	13	185,75	B	3020	25	76,2	50,8	133,4	29,44	5,90	2,24	PHS 28B-1TBH13
	14	199,76	B	3020	25	76,2	50,8	133,4	29,44	7,04	2,24	PHS 28B-1TBH14
	15	213,79	B	3020	25	76,2	50,8	133,4	29,44	8,17	2,24	PHS 28B-1TBH15
	16	227,84	B	3020	25	76,2	50,8	133,4	29,44	9,76	2,24	PHS 28B-1TBH16
	17	241,91	B	3020	25	76,2	50,8	133,4	29,44	11,35	2,24	PHS 28B-1TBH17
	18	255,98	B	3020	25	76,2	50,8	133,4	29,44	12,49	2,24	PHS 28B-1TBH18
	19	270,06	B	3020	25	76,2	50,8	133,4	29,44	13,62	2,24	PHS 28B-1TBH19
	20	284,15	B	3020	25	76,2	50,8	133,4	29,44	14,30	2,24	PHS 28B-1TBH20
	21	298,24	B	3020	25	76,2	50,8	133,4	29,44	14,98	2,24	PHS 28B-1TBH21
	22	312,34	B	3020	25	76,2	50,8	133,4	29,44	16,91	2,24	PHS 28B-1TBH22
	23	326,44	B	3020	25	76,2	50,8	133,4	29,44	18,84	2,24	PHS 28B-1TBH23
	24	340,55	B	3020	25	76,2	50,8	133,4	29,44	20,77	2,24	PHS 28B-1TBH24
	25	354,66	B	3020	25	76,2	50,8	133,4	29,44	22,70	2,24	PHS 28B-1TBH25
	26	368,77	B	3020	25	76,2	50,8	133,4	29,44	24,63	2,24	PHS 28B-1TB26
	27	382,88	B	3020	25	76,2	50,8	133,4	29,44	26,56	2,24	PHS 28B-1TB27
	28	397,00	B	3020	25	76,2	50,8	133,4	29,44	28,49	2,24	PHS 28B-1TB28
	30	425,24	B	3020	25	76,2	50,8	133,4	29,44	32,35	2,24	PHS 28B-1TB30
	32	453,49	B	3020	25	76,2	50,8	133,4	29,44	36,21	2,24	PHS 28B-1TB32
	38	538,27	B	3535	35	88,9	88,9	165,1	29,44	45,40	3,56	PHS 28B-1TB38
	40	566,54	C	3535	35	88,9	88,9	165,1	29,44	47,79	3,56	PHS 28B-1TB40
	42	594,82	C	3535	35	88,9	88,9	165,1	29,44	50,18	3,56	PHS 28B-1TB42
	45	637,22	C	4040	40	101,6	101,6	219,1	29,44	57,35	8,27	PHS 28B-1TB45
	48	679,63	C	4040	40	101,6	101,6	219,1	29,44	61,17	8,27	PHS 28B-1TB48
	54	764,46	C	4040	40	101,6	101,6	219,1	29,44	68,82	8,27	PHS 28B-1TB54
	57	806,90	C	4040	40	101,6	101,6	219,1	29,44	72,64	8,27	PHS 28B-1TB57
	60	849,32	C	4040	40	101,6	101,6	219,1	29,44	76,44	8,27	PHS 28B-1TB60
	68	962,46	C	4040	40	101,6	101,6	219,1	29,44	86,63	8,27	PHS 28B-1TB68
	72	1 019,05	C	4040	40	101,6	101,6	219,1	29,44	91,73	8,27	PHS 28B-1TB72
	76	1 075,62	C	4040	40	101,6	101,6	219,1	29,44	96,83	8,27	PHS 28B-1TB76
	95	1 344,37	C	4040	40	101,6	101,6	219,1	29,44	121,03	8,27	PHS 28B-1TB95
50,80	11	180,34	B	2517	16	63,5	44,5	107,9	29,44	4,51	1,30	PHS 32B-1TBH11
	12	196,29	B	3020	25	76,2	50,8	133,4	29,44	5,27	2,24	PHS 32B-1TBH12
	13	212,29	B	3020	25	76,2	50,8	133,4	29,44	6,38	2,24	PHS 32B-1TBH13
	14	228,29	B	3020	25	76,2	50,8	133,4	29,44	6,87	2,24	PHS 32B-1TBH14
	15	244,30	B	3535	35	88,9	88,9	165,1	29,44	11,80	5,18	PHS 32B-1TBH15
	16	260,40	B	3535	35	88,9	88,9	165,1	29,44	13,38	5,18	PHS 32B-1TBH16
	17	276,40	B	3535	35	88,9	88,9	165,1	29,44	14,98	5,18	PHS 32B-1TBH17
	18	292,55	B	3535	35	88,9	88,9	165,1	29,44	16,12	5,18	PHS 32B-1TBH18
	19	308,66	B	3535	35	88,9	88,9	165,1	29,44	17,25	5,18	PHS 32B-1TBH19
	20	324,71	B	3535	35	88,9	88,9	165,1	29,44	21,10	5,18	PHS 32B-1TBH20
	21	340,82	B	3535	35	88,9	88,9	165,1	29,44	24,94	5,18	PHS 32B-1TBH21
	22	356,98	B	3535	35	88,9	88,9	165,1	29,44	27,79	5,18	PHS 32B-1TBH22
	23	373,08	B	3535	35	88,9	88,9	165,1	29,44	30,64	5,18	PHS 32B-1TBH23
	24	389,18	B	3535	35	88,9	88,9	165,1	29,44	33,48	5,18	PHS 32B-1TBH24
	25	405,33	B	3535	35	88,9	88,9	165,1	29,44	36,32	5,18	PHS 32B-1TBH25
	26	421,44	B	3535	35	88,9	88,9	165,1	29,44	39,16	5,18	PHS 32B-1TB26
	27	437,59	B	3535	35	88,9	88,9	165,1	29,44	42,00	5,18	PHS 32B-1TB27
	28	453,69	B	3535	35	88,9	88,9	165,1	29,44	44,84	5,18	PHS 32B-1TB28
	30	486,00	B	3535	35	88,9	88,9	165,1	29,44	50,52	5,18	PHS 32B-1TB30
	32	518,26	B	3535	35	88,9	88,9	165,1	29,44	56,20	5,18	PHS 32B-1TB32
	38	615,14	B	4040	40	101,6	101,6	219,1	29,44	68,10	8,27	PHS 32B-1TB38
	40	647,49	C	4040	40	101,6	101,6	219,1	29,44	77,08	8,27	PHS 32B-1TB40
	45	728,26	C	4040	40	101,6	101,6	219,1	29,44	99,53	8,27	PHS 32B-1TB45
	48	776,72	C	4040	40	101,6	101,6	219,1	29,44	113,01	8,27	PHS 32B-1TB48

¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

ISO 32B-1 · 50,80 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions				Plate thickness	Mass Rim	Bushing	Designation
		PD			Bore		L	H				
					Min.	Max.			t ₁			
mm	—	mm	—	—	mm					kg		—
50,80	54	873,68	C	4040	40	101,6	114,3	219,1	29,44	139,95	8,27	PHS 32B-1TB54
	57	922,17	C	4545	55	114,3	114,3	247,7	29,44	136,20	9,99	PHS 32B-1TB57
	60	970,63	C	4545	55	114,3	114,3	247,7	29,44	158,84	9,99	PHS 32B-1TB60
	64	1 035,30	C	4545	55	114,3	114,3	247,7	29,44	189,03	9,99	PHS 32B-1TB64
	70	1 132,29	C	4545	55	114,3	114,3	247,7	29,44	234,32	9,99	PHS 32B-1TB70

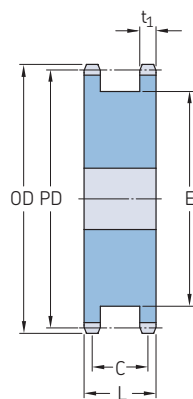
¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, double simplex, pilot bore

ISO 06B-1 · 9,525 mm pitch | ISO 08B-1 · 12,70 mm pitch | ISO 10B-1 · 15,88 mm pitch | ISO 12B-1 · 19,05 mm pitch



Type A

Pitch	Number of teeth	Diameters Outside	Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
		OD	PD		Min.	Max.						
mm	–	mm		–	mm						kg	–
9,525	14	46,30	42,80	A	10	20,00	25,5	20,3	31	5,31	0,17	PHS 06B-1DSA14
	15	49,30	45,81	A	10	23,00	25,5	20,3	34	5,31	0,20	PHS 06B-1DSA15
	16	52,30	48,82	A	10	25,00	25,5	20,3	37	5,31	0,23	PHS 06B-1DSA16
	17	55,30	51,83	A	12	27,00	25,5	20,3	40	5,31	0,27	PHS 06B-1DSA17
	18	58,30	54,85	A	12	29,00	25,5	20,3	43	5,31	0,30	PHS 06B-1DSA18
	19	61,30	57,87	A	12	31,00	25,5	20,3	46	5,31	0,35	PHS 06B-1DSA19
	20	64,30	60,89	A	12	33,00	25,5	20,3	48	5,31	0,39	PHS 06B-1DSA20
	21	68,00	63,91	A	15	35,00	25,5	20,3	52	5,31	0,44	PHS 06B-1DSA21
	22	71,00	66,93	A	15	36,00	25,5	20,3	55	5,31	0,50	PHS 06B-1DSA22
	23	73,50	69,95	A	15	38,00	25,5	20,3	59	5,31	0,55	PHS 06B-1DSA23
	24	77,00	72,97	A	15	40,00	25,5	20,3	61	5,31	0,61	PHS 06B-1DSA24
	25	80,00	76,02	A	15	43,00	25,5	20,3	65	5,31	0,67	PHS 06B-1DSA25
12,70	12	53,00	49,07	A	10	24,00	32,0	24,8	35	7,20	0,35	PHS 08B-1DSA12
	13	57,40	53,06	A	10	26,00	32,0	24,8	37	7,20	0,41	PHS 08B-1DSA13
	14	61,80	57,07	A	10	27,00	32,0	24,8	41	7,20	0,49	PHS 08B-1DSA14
	15	65,50	61,09	A	10	30,00	32,0	24,8	45	7,20	0,55	PHS 08B-1DSA15
	16	69,50	65,10	A	12	34,00	32,0	24,8	50	7,20	0,64	PHS 08B-1DSA16
	17	73,60	69,11	A	12	36,00	32,0	24,8	53	7,20	0,73	PHS 08B-1DSA17
	18	77,80	73,14	A	12	38,00	32,0	24,8	58	7,20	0,82	PHS 08B-1DSA18
	19	81,70	77,16	A	12	41,00	32,0	24,8	62	7,20	1,00	PHS 08B-1DSA19
	20	85,80	81,18	A	12	44,00	32,0	24,8	66	7,20	1,18	PHS 08B-1DSA20
	21	89,70	85,22	A	15	46,00	32,0	24,8	70	7,20	1,32	PHS 08B-1DSA21
	22	93,80	89,24	A	15	48,00	32,0	24,8	74	7,20	1,36	PHS 08B-1DSA22
	23	98,20	93,27	A	15	52,00	32,0	24,8	78	7,20	1,59	PHS 08B-1DSA23
	24	101,80	97,29	A	15	54,00	32,0	24,8	82	7,20	1,70	PHS 08B-1DSA24
	25	105,80	101,33	A	15	57,00	32,0	24,8	86	7,20	1,82	PHS 08B-1DSA25
15,88	12	68,00	61,34	A	15	30,00	42,0	27,9	45	9,10	0,59	PHS 10B-1DSA12
	13	73,00	66,32	A	15	34,00	42,0	27,9	48	9,10	0,70	PHS 10B-1DSA13
	14	78,00	71,34	A	15	36,00	42,0	27,9	55	9,10	0,83	PHS 10B-1DSA14
	15	83,00	76,36	A	15	40,00	42,0	27,9	58	9,10	0,95	PHS 10B-1DSA15
	16	88,00	81,37	A	15	42,00	42,0	27,9	64	9,10	1,09	PHS 10B-1DSA16
	17	93,00	86,39	A	15	44,00	42,0	27,9	68	9,10	1,32	PHS 10B-1DSA17
	18	98,00	91,42	A	15	47,00	42,0	27,9	73	9,10	1,50	PHS 10B-1DSA18
	19	103,30	96,45	A	19	52,00	42,0	27,9	79	9,10	1,68	PHS 10B-1DSA19
	20	108,40	101,49	A	19	57,00	42,0	27,9	83	9,10	1,91	PHS 10B-1DSA20
	21	113,40	106,52	A	19	57,00	42,0	27,9	89	9,10	2,18	PHS 10B-1DSA21
	22	118,00	111,55	A	19	61,00	42,0	27,9	93	9,10	2,41	PHS 10B-1DSA22
	23	123,40	116,58	A	19	65,00	42,0	27,9	99	9,10	2,64	PHS 10B-1DSA23
	24	128,30	121,62	A	19	69,00	42,0	27,9	103	9,10	2,86	PHS 10B-1DSA24
	25	134,00	126,66	A	19	72,00	42,0	27,9	109	9,10	3,16	PHS 10B-1DSA25
19,05	12	81,50	73,61	A	20	35,00	45,0	33,9	53	11,10	1,08	PHS 12B-1DSA12
	13	87,50	79,59	A	20	38,00	45,0	33,9	59	11,10	1,29	PHS 12B-1DSA13
	14	93,60	85,62	A	20	42,00	45,0	33,9	65	11,10	1,52	PHS 12B-1DSA14
	15	99,80	91,61	A	20	38,00	45,0	33,9	71	11,10	1,73	PHS 12B-1DSA15
	16	105,50	97,63	A	20	46,00	45,0	33,9	77	11,10	2,09	PHS 12B-1DSA16
	17	111,50	103,67	A	20	55,00	45,0	33,9	71	11,10	2,41	PHS 12B-1DSA17
	18	118,00	109,71	A	20	58,00	45,0	33,9	88	11,10	2,95	PHS 12B-1DSA18
	19	124,20	115,75	A	20	62,00	45,0	33,9	71	11,10	3,09	PHS 12B-1DSA19
	20	129,70	121,78	A	24	65,00	45,0	33,9	100	11,10	3,30	PHS 12B-1DSA20
	21	136,00	127,82	A	24	70,00	45,0	33,9	71	11,10	3,62	PHS 12B-1DSA21
	22	141,80	133,86	A	24	73,00	45,0	33,9	112	11,10	4,00	PHS 12B-1DSA22
	23	149,00	139,90	A	24	77,00	45,0	33,9	71	11,10	4,60	PHS 12B-1DSA23
	24	153,90	145,94	A	24	81,00	45,0	33,9	124	11,10	4,95	PHS 12B-1DSA24

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSA14H.

Metric sprockets, double simplex, pilot bore

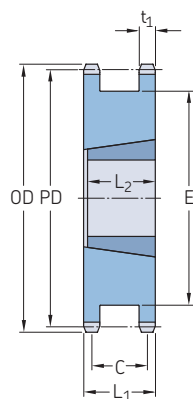
ISO 12B-1 · 19,05 mm pitch | ISO 16B-1 · 25,40 mm pitch | ISO 20B-1 · 31,75 mm pitch

Pitch	Number of teeth	Diameters Outside	Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
		OD	PD		Min.	Max.						
mm	–	mm		–	mm						kg	–
19,05	25	160,30	151,94	A	24	85,00	45,0	33,9	71	11,10	5,30	PHS 12B-1DSA25
	25,40											
25,40	12	109,00	98,14	A	24	46,00	64,0	47,8	72	16,20	2,48	PHS 16B-1DSA12
	13	117,00	106,12	A	24	50,00	64,0	47,8	78	16,20	3,09	PHS 16B-1DSA13
	14	125,00	114,15	A	24	57,00	64,0	47,8	84	16,20	3,70	PHS 16B-1DSA14
	15	133,00	122,17	A	24	60,00	64,0	47,8	95	16,20	4,35	PHS 16B-1DSA15
	16	141,00	130,20	A	24	68,00	64,0	47,8	101	16,20	5,00	PHS 16B-1DSA16
	17	149,00	138,22	A	24	71,00	64,0	47,8	111	16,20	5,75	PHS 16B-1DSA17
	18	157,00	146,28	A	24	79,00	64,0	47,8	117	16,20	6,50	PHS 16B-1DSA18
	19	165,20	154,33	A	24	82,00	64,0	47,8	127	16,20	7,40	PHS 16B-1DSA19
	20	173,20	162,38	A	24	88,00	64,0	47,8	134	16,20	8,30	PHS 16B-1DSA20
	21	181,20	170,43	A	24	95,00	64,0	47,8	143	16,20	9,20	PHS 16B-1DSA21
	22	189,30	178,48	A	24	100,00	64,0	47,8	151	16,20	10,15	PHS 16B-1DSA22
	23	197,50	186,59	A	24	107,00	64,0	47,8	160	16,20	11,20	PHS 16B-1DSA23
	24	205,50	194,59	A	24	111,00	64,0	47,8	168	16,20	12,80	PHS 16B-1DSA24
	25	213,50	178,49	A	24	115,00	64,0	47,8	176	16,20	14,40	PHS 16B-1DSA25
31,75	13	147,83	132,66	A	25	63,50	68,3	49,8	96	18,50	5,09	PHS 20B-1DSA13
	14	158,24	142,67	A	25	69,85	68,3	49,8	106	18,50	6,14	PHS 20B-1DSA14
	15	168,40	152,70	A	32	77,79	68,3	49,8	116	18,50	7,64	PHS 20B-1DSA15
	16	178,56	162,74	A	32	82,55	68,3	49,8	114	18,50	8,77	PHS 20B-1DSA16
	17	188,98	172,80	A	32	92,08	68,3	49,8	124	18,50	9,77	PHS 20B-1DSA17
	18	199,14	182,83	A	32	95,25	68,3	49,8	134	18,50	10,45	PHS 20B-1DSA18
	19	209,30	192,91	A	32	106,36	68,3	49,8	157	18,50	11,36	PHS 20B-1DSA19
	20	219,46	202,97	A	32	106,36	68,3	49,8	167	18,50	12,05	PHS 20B-1DSA20
	21	229,62	213,03	A	32	133,35	68,3	49,8	177	18,50	13,18	PHS 20B-1DSA21

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSAH14.

Metric sprockets, double simplex, taper bushed

ISO 06B-1 · 9,525 mm pitch | ISO 08B-1 · 12,70 mm pitch | ISO 10B-1 · 15,88 mm pitch | ISO 12B-1 · 19,05 mm pitch | ISO 16B-1 · 25,40 mm pitch



Type A

Pitch	Number of teeth	Diameters Outside	Pitch	Type	Bushing number	Dimensions Bore		L ₁	C	E	L ₂	Plate thickness t ₁	Mass ¹⁾	Designation
		OD	PD			Min.	Max.							
mm	–	mm		–	–	mm							kg	–
9,525	18	58,30	54,85	A	1008	9	25	23,5	18,17	43	22,2	5,31	0,19	PHS 06B-1DSTBH18
	19	61,30	57,87	A	1008	9	25	23,5	18,17	46	22,2	5,31	0,23	PHS 06B-1DSTBH19
	20	64,30	60,89	A	1108	9	28	23,5	18,17	48	22,2	5,31	0,25	PHS 06B-1DSTBH20
	21	68,00	63,91	A	1108	9	28	23,5	18,17	52	22,2	5,31	0,31	PHS 06B-1DSTBH21
	22	71,00	66,93	A	1108	9	28	23,5	18,17	55	22,2	5,31	0,36	PHS 06B-1DSTBH22
	23	73,50	69,95	A	1108	9	28	23,5	18,17	58	22,2	5,31	0,41	PHS 06B-1DSTBH23
	24	77,00	72,97	A	1108	9	28	23,5	18,17	61	22,2	5,31	0,47	PHS 06B-1DSTBH24
	25	80,00	76,02	A	1108	9	28	23,5	18,17	64	22,2	5,31	0,53	PHS 06B-1DSTBH25
	14	61,80	57,07	A	1008	9	25	35,7	28,58	41	22,2	7,20	0,32	PHS 08B-1DSTBH14
	15	65,30	61,09	A	1008	9	25	35,7	28,58	45	22,2	7,20	0,40	PHS 08B-1DSTBH15
12,70	16	69,50	65,10	A	1108	9	28	35,7	28,58	49	22,2	7,20	0,44	PHS 08B-1DSTBH16
	17	73,60	69,11	A	1215	11	32	35,7	28,58	53	38,1	7,20	0,43	PHS 08B-1DSTBH17
	18	77,80	73,14	A	1215	11	32	35,7	28,58	58	38,1	7,20	0,46	PHS 08B-1DSTBH18
	19	81,70	77,15	A	1215	11	32	35,7	28,58	63	38,1	7,20	0,50	PHS 08B-1DSTBH19
	20	85,80	81,18	A	1215	11	32	35,7	28,58	66	38,1	7,20	0,59	PHS 08B-1DSTBH20
	21	89,70	85,22	A	1615	14	42	35,7	28,58	70	38,1	7,20	0,59	PHS 08B-1DSTBH21
	22	93,80	89,24	A	1615	14	42	35,7	28,58	74	38,1	7,20	0,64	PHS 08B-1DSTBH22
	23	98,20	93,27	A	1615	14	42	35,7	28,58	78	38,1	7,20	0,68	PHS 08B-1DSTBH23
	24	101,80	97,29	A	1615	14	42	35,7	28,58	82	38,1	7,20	0,77	PHS 08B-1DSTBH24
	25	105,80	101,33	A	2012	14	50	35,7	28,58	86	31,8	7,20	0,86	PHS 08B-1DSTBH25
15,88	12	68,00	61,34	A	1108	9	28	42,0	33,34	15,88	9,0	9,10	28,00	PHS 10B-1DSTBH12
	13	73,00	66,32	A	1108	9	28	42,0	33,34	15,88	9,0	9,10	28,00	PHS 10B-1DSTBH13
	14	78,00	71,34	A	1108	9	28	42,0	33,34	15,88	9,0	9,10	28,00	PHS 10B-1DSTBH14
	15	83,00	76,36	A	1215	11	32	42,0	33,34	15,88	11,0	9,10	32,00	PHS 10B-1DSTBH15
	16	88,00	81,37	A	1215	11	32	42,0	33,34	15,88	11,0	9,10	32,00	PHS 10B-1DSTBH16
	17	93,00	86,39	A	1615	14	42	42,0	33,34	15,88	14,0	9,10	42,00	PHS 10B-1DSTBH17
	18	98,30	91,42	A	1615	14	42	42,0	33,34	15,88	14,0	9,10	42,00	PHS 10B-1DSTBH18
	19	103,30	96,42	A	1615	14	42	42,0	33,34	15,88	14,0	9,10	42,00	PHS 10B-1DSTBH19
	20	108,40	101,49	A	1615	14	42	42,0	33,34	15,88	14,0	9,10	42,00	PHS 10B-1DSTBH20
	21	113,40	106,52	A	2012	14	50	42,0	33,34	15,88	14,0	9,10	50,00	PHS 10B-1DSTBH21
19,05	22	118,00	111,55	A	2012	14	50	42,0	33,34	15,88	14,0	9,10	50,00	PHS 10B-1DSTBH22
	23	123,40	116,58	A	2012	14	50	42,0	33,34	15,88	14,0	9,10	50,00	PHS 10B-1DSTBH23
	24	128,30	121,62	A	2012	14	50	42,0	33,34	15,88	14,0	9,10	50,00	PHS 10B-1DSTBH24
	25	134,00	126,66	A	2012	14	50	42,0	33,34	15,88	14,0	9,10	50,00	PHS 10B-1DSTBH25
	12	81,50	73,61	A	1215	11	32	49,2	38,10	19,05	11,0	11,10	32,00	PHS 12B-1DSTBH12
	13	87,50	79,59	A	1215	11	32	49,2	38,10	19,05	11,0	11,10	32,00	PHS 12B-1DSTBH13
	14	93,60	85,62	A	1215	11	32	49,2	38,10	19,05	11,0	11,10	32,00	PHS 12B-1DSTBH14
	15	99,80	91,61	A	1615	14	42	49,2	38,10	19,05	14,0	11,10	42,00	PHS 12B-1DSTBH15
	16	105,50	97,63	A	1615	14	42	49,2	38,10	19,05	14,0	11,10	42,00	PHS 12B-1DSTBH16
	17	111,50	103,67	A	1615	14	42	49,2	38,10	19,05	14,0	11,10	42,00	PHS 12B-1DSTBH17
25,40	18	118,00	109,71	A	2012	14	50	49,2	38,10	19,05	14,0	11,10	50,00	PHS 12B-1DSTBH18
	19	124,20	115,75	A	2012	14	50	49,2	38,10	19,05	14,0	11,10	50,00	PHS 12B-1DSTBH19
	20	129,70	121,78	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH20
	21	136,00	127,82	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH21
	22	141,80	133,86	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH22
	23	149,00	139,90	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH23
	24	153,90	145,94	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH24
	25	160,30	151,94	A	2517	16	65	49,2	38,10	19,05	16,0	11,10	65,00	PHS 12B-1DSTBH25
	12	109,00	98,14	A	1615	14	42	63,5	46,50	72	38,1	16,20	1,92	PHS 16B-1DSTBH12
	13	117,00	106,12	A	1615	14	42	63,5	46,50	80	38,1	16,20	2,53	PHS 16B-1DSTBH13
25,40	14	125,00	114,15	A	2012	14	50	63,5	46,50	88	31,8	16,20	2,53	PHS 16B-1DSTBH14
	15	133,00	122,17	A	2012	14	50	63,5	46,50	96	31,8	16,20	3,10	PHS 16B-1DSTBH15
	16	141,00	130,20	A	2012	14	50	63,5	46,50	104	31,8	16,20	3,68	PHS 16B-1DSTBH16

¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSTBH18.

Metric sprockets, double simplex, taper bushed

ISO 16B-1 · 25,40 mm pitch | ISO 20B-1 · 31,75 mm pitch

Pitch	Number of teeth	Diameters		Type	Bushing number	Dimensions Bore		L ₁	C	E	L ₂	Plate thickness t ₁	Mass ¹⁾	Designation
		Outside	Pitch			Min.	Max.							
		OD	PD											
mm	–	mm		–	–	mm							kg	–
25,40	17	149,00	138,22	A	2517	16	65	63,5	46,50	112	44,5	16,20	3,89	PHS 16B-1DSTBH17
	18	157,00	146,28	A	2517	16	65	63,5	46,50	120	44,5	16,20	4,65	PHS 16B-1DSTBH18
	19	165,20	154,33	A	3020	25	75	63,5	46,50	128	50,8	16,20	4,50	PHS 16B-1DSTBH19
	20	173,20	162,38	A	3020	25	75	63,5	46,50	135	50,8	16,20	5,10	PHS 16B-1DSTBH20
	21	181,20	170,43	A	3020	25	75	63,5	46,50	142	50,8	16,20	6,00	PHS 16B-1DSTBH21
	22	189,30	178,48	A	3020	25	75	63,5	46,50	151	50,8	16,20	6,20	PHS 16B-1DSTBH22
	23	197,50	186,59	A	3525	35	90	63,5	46,50	160	63,5	16,20	7,15	PHS 16B-1DSTBH23
	24	205,50	194,59	A	3525	35	90	63,5	46,50	167	63,5	16,20	8,10	PHS 16B-1DSTBH24
	25	213,50	178,49	A	3525	35	90	63,5	46,50	175	63,5	16,20	9,00	PHS 16B-1DSTBH25
31,75	15	167,90	152,72	A	2517	16	60	68,3	49,80	115	44,5	18,50	4,20	PHS 20B-1DSTBH15
	16	177,90	162,75	A	2517	16	60	68,3	49,80	127	44,5	18,50	5,91	PHS 20B-1DSTBH16
	17	172,80	172,78	A	3020	25	75	68,3	49,80	137	50,8	18,50	6,36	PHS 20B-1DSTBH17
	18	182,83	182,85	A	3020	25	75	68,3	49,80	147	50,8	18,50	7,27	PHS 20B-1DSTBH18
	19	192,91	192,91	A	3020	25	75	68,3	49,80	157	50,8	18,50	9,09	PHS 20B-1DSTBH19
	20	218,10	202,98	A	3020	25	75	68,3	49,80	167	50,8	18,50	10,85	PHS 20B-1DSTBH20
	21	228,28	213,03	A	3020	25	75	68,3	49,80	177	50,8	18,50	12,50	PHS 20B-1DSTBH21

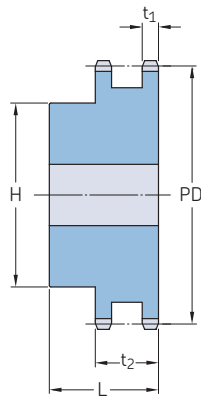
¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSTBH18.

Metric sprockets, duplex, standard

ISO 06B-2 · 9,525 mm pitch | ISO 08B-2 · 12,70 mm pitch



Type B

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub		Plate thickness		Mass	Designation
				Bore		H	L	t ₁	t ₂		
				Min.	Max.						
mm	–	mm	–	mm						kg	–
9,525	12	36,80	B	10	12	25	25	5,20	15,44	0,11	PHS 06B-2BH12
	13	39,79	B	10	12	28	25	5,20	15,44	0,14	PHS 06B-2BH13
	14	42,80	B	10	18	31	25	5,20	15,44	0,17	PHS 06B-2BH14
	15	45,81	B	10	18	34	25	5,20	15,44	0,20	PHS 06B-2BH15
	16	48,82	B	12	20	37	30	5,20	15,44	0,26	PHS 06B-2BH16
	17	51,83	B	12	23	40	30	5,20	15,44	0,32	PHS 06B-2BH17
	18	54,85	B	12	25	43	30	5,20	15,44	0,37	PHS 06B-2BH18
	19	57,87	B	12	28	46	30	5,20	15,44	0,42	PHS 06B-2BH19
	20	60,89	B	12	25	49	30	5,20	15,44	0,48	PHS 06B-2BH20
	21	63,91	B	12	30	52	30	5,20	15,44	0,54	PHS 06B-2BH21
	22	66,93	B	12	28	55	30	5,20	15,44	0,61	PHS 06B-2BH22
	23	69,95	B	12	35	58	30	5,20	15,44	0,67	PHS 06B-2BH23
	24	72,97	B	12	32	61	30	5,20	15,44	0,74	PHS 06B-2BH24
	25	76,00	B	12	40	64	30	5,20	15,44	0,81	PHS 06B-2BH25
	26	79,02	B	12	32	67	30	5,20	15,44	0,92	PHS 06B-2BH26
	27	82,05	B	12	40	70	30	5,20	15,44	0,97	PHS 06B-2BH27
	28	85,07	B	12	32	73	30	5,20	15,44	1,08	PHS 06B-2BH28
	29	88,09	B	12	32	76	30	5,20	15,44	1,15	PHS 06B-2BH29
	30	91,12	B	12	40	79	30	5,20	15,44	1,23	PHS 06B-2BH30
	32	97,17	B	16	52	80	30	5,20	15,44	1,38	PHS 06B-2BH32
	35	106,26	B	16	52	80	30	5,20	15,44	1,61	PHS 06B-2BH35
	36	109,29	B	16	60	90	30	5,20	15,44	1,69	PHS 06B-2BH36
	38	115,35	B	16	50	90	30	5,20	15,44	1,84	PHS 06B-2BH38
	40	121,40	B	16	52	90	30	5,20	15,44	2,00	PHS 06B-2BH40
	42	127,46	B	16	60	90	40	5,20	15,44	2,15	PHS 06B-2BH42
	45	136,55	B	16	50	90	40	5,20	15,44	2,01	PHS 06B-2BH45
	48	145,64	B	16	60	90	40	5,20	15,44	2,61	PHS 06B-2BH48
	52	157,75	B	16	60	90	40	5,20	15,44	2,92	PHS 06B-2BH52
	57	172,91	B	16	50	90	40	5,20	15,44	2,34	PHS 06B-2BH57
	60	182,00	B	16	60	90	40	5,20	15,44	3,53	PHS 06B-2BH60
	68	206,24	B	16	60	90	40	5,20	15,44	4,14	PHS 06B-2BH68
	70	212,30	B	16	60	90	40	5,20	15,44	4,30	PHS 06B-2BH70
	72	218,37	B	16	60	90	40	5,20	15,44	4,45	PHS 06B-2BH72
	76	230,49	B	16	50	90	40	5,20	15,44	3,35	PHS 06B-2BH76
	84	254,74	B	16	60	90	40	5,20	15,44	5,37	PHS 06B-2BH84
	95	288,08	B	16	62	90	40	5,20	15,44	6,21	PHS 06B-2BH95
	96	291,11	B	16	62	90	40	5,20	15,44	6,29	PHS 06B-2BH96
	114	345,68	B	16	62	90	40	5,20	15,44	7,67	PHS 06B-2BH114
12,70	10	41,10	B	10	18	28	32	7,24	21,13	0,15	PHS 08B-2BH10
	11	45,07	B	12	21	32	35	7,24	21,13	0,22	PHS 08B-2BH11
	12	49,07	B	12	19	35	35	7,24	21,13	0,29	PHS 08B-2BH12
	13	53,06	B	12	21	38	35	7,24	21,13	0,36	PHS 08B-2BH13
	14	57,07	B	12	28	42	35	7,24	21,13	0,44	PHS 08B-2BH14
	15	61,09	B	12	28	46	35	7,24	21,13	0,52	PHS 08B-2BH15
	16	65,10	B	14	33	50	35	7,24	21,13	0,61	PHS 08B-2BH16
	17	69,11	B	14	30	54	35	7,24	21,13	0,70	PHS 08B-2BH17
	18	73,14	B	14	38	58	35	7,24	21,13	0,81	PHS 08B-2BH18
	19	77,16	B	14	40	62	35	7,24	21,13	0,91	PHS 08B-2BH19
	20	81,19	B	14	40	66	35	7,24	21,13	1,10	PHS 08B-2BH20
	21	85,22	B	16	40	70	40	7,24	21,13	1,29	PHS 08B-2BH21
	22	89,24	B	16	45	70	40	7,24	21,13	1,37	PHS 08B-2BH22
	23	93,27	B	16	50	70	40	7,24	21,13	1,46	PHS 08B-2BH23
	24	97,29	B	16	50	75	40	7,24	21,13	1,64	PHS 08B-2BH24

Maximum bores can accommodate standard keyways. Larger bores are available.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

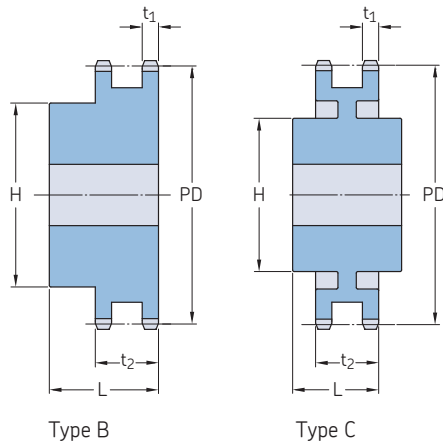
ISO 08B-2 · 12,70 mm pitch | ISO 10B-2 · 15,88 mm pitch | ISO 12B-2 · 19,05 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation	
		PD		Bore		H	L	t ₁	t ₂			
		Min.		Max.								
mm	—	mm	—	mm						kg	—	
12,70	25	101,33	B	16	50	80	40	7,24	21,13	1,83	PHS 08B-2BH25	
	26	105,36	B	16	56	85	40	7,24	21,13	1,96	PHS 08B-2B26	
	27	109,40	B	16	50	85	40	7,24	21,13	2,09	PHS 08B-2B27	
	28	113,42	B	16	60	90	40	7,24	21,13	2,31	PHS 08B-2B28	
	29	117,46	B	16	62	95	40	7,24	21,13	2,53	PHS 08B-2B29	
	30	121,50	B	16	50	100	40	7,24	21,13	2,75	PHS 08B-2B30	
	32	129,56	B	20	64	100	40	7,24	21,13	3,08	PHS 08B-2B32	
	34	137,64	B	20	64	100	40	7,24	21,13	3,24	PHS 08B-2B34	
	35	141,68	B	20	64	100	40	7,24	21,13	3,41	PHS 08B-2B35	
	36	145,72	B	20	73	100	40	7,24	21,13	3,74	PHS 08B-2B36	
	38	153,80	B	20	55	100	40	7,24	21,13	4,08	PHS 08B-2B38	
	40	161,87	B	20	73	100	50	7,24	21,13	4,00	PHS 08B-2B40	
	42	169,95	B	20	73	108	50	7,24	21,13	3,90	PHS 08B-2B42	
	45	182,07	B	20	55	108	50	7,24	21,13	3,70	PHS 08B-2B45	
	48	194,18	B	20	73	108	50	7,24	21,13	4,10	PHS 08B-2B48	
	54	218,43	B	20	73	108	50	7,24	21,13	4,70	PHS 08B-2B54	
	57	230,54	B	20	55	108	50	7,24	21,13	5,01	PHS 08B-2B57	
	60	242,66	B	20	73	108	50	7,24	21,13	5,34	PHS 08B-2B60	
	68	274,99	B	20	73	108	55	7,24	21,13	5,68	PHS 08B-2B68	
	72	291,16	B	20	73	108	55	7,24	21,13	6,02	PHS 08B-2B72	
	76	307,33	B	20	60	108	55	7,24	21,13	6,36	PHS 08B-2B76	
	84	339,65	B	20	80	120	55	7,24	21,13	8,31	PHS 08B-2B84	
	95	384,10	B	20	60	110	55	7,24	21,13	10,26	PHS 08B-2B95	
	96	388,15	B	20	80	110	55	7,24	21,13	11,00	PHS 08B-2B96	
	114	460,90	B	20	80	110	55	7,24	21,13	12,45	PHS 08B-2B114	
	15,88	11	56,34	B	14	24	39	40	8,97	25,55	0,45	PHS 10B-2BH11
		12	61,34	B	14	25	44	40	8,97	25,55	0,57	PHS 10B-2BH12
		13	66,32	B	14	29	49	40	8,97	25,55	0,70	PHS 10B-2BH13
		14	71,34	B	14	35	54	40	8,97	25,55	0,84	PHS 10B-2BH14
		15	76,36	B	14	35	59	40	8,97	25,55	0,99	PHS 10B-2BH15
		16	81,37	B	16	40	64	45	8,97	25,55	1,23	PHS 10B-2BH16
		17	86,39	B	16	40	69	45	8,97	25,55	1,47	PHS 10B-2BH17
		18	91,42	B	16	48	74	45	8,97	25,55	1,68	PHS 10B-2BH18
		19	96,45	B	16	46	79	45	8,97	25,55	1,90	PHS 10B-2BH19
		20	101,49	B	16	56	84	45	8,97	25,55	2,10	PHS 10B-2BH20
		21	106,52	B	16	55	85	45	8,97	25,55	2,31	PHS 10B-2BH21
		22	111,55	B	16	60	90	45	8,97	25,55	2,58	PHS 10B-2BH22
		23	116,58	B	16	55	95	45	8,97	25,55	2,85	PHS 10B-2BH23
		24	121,62	B	16	64	100	45	8,97	25,55	3,14	PHS 10B-2BH24
		25	126,66	B	16	55	105	45	8,97	25,55	3,44	PHS 10B-2BH25
26		131,70	B	20	73	110	45	8,97	25,55	3,69	PHS 10B-2B26	
27		136,75	B	20	55	110	45	8,97	25,55	3,95	PHS 10B-2B27	
28		141,78	B	20	76	115	45	8,97	25,55	4,25	PHS 10B-2B28	
29		146,83	B	20	76	115	45	8,97	25,55	4,55	PHS 10B-2B29	
30		151,87	B	20	58	120	45	8,97	25,55	4,87	PHS 10B-2B30	
32		161,95	B	20	80	120	45	8,97	25,55	4,95	PHS 10B-2B32	
35		177,10	B	20	80	120	45	8,97	25,55	5,08	PHS 10B-2B35	
36		182,15	B	20	80	120	45	8,97	25,55	5,11	PHS 10B-2B36	
38		192,24	B	20	58	120	45	8,97	25,55	5,20	PHS 10B-2B38	
40		202,34	B	20	80	120	45	8,97	25,55	5,41	PHS 10B-2B40	
45		227,58	B	20	60	120	50	8,97	25,55	5,94	PHS 10B-2B45	
48		242,73	B	20	80	120	50	8,97	25,55	7,27	PHS 10B-2B48	
57		288,18	B	20	60	120	50	8,97	25,55	8,61	PHS 10B-2B57	
60		303,32	B	20	85	120	57	8,97	25,55	9,30	PHS 10B-2B60	
70		353,84	B	20	85	120	57	8,97	25,55	9,99	PHS 10B-2B70	
76		384,16	B	20	85	120	57	8,97	25,55	10,68	PHS 10B-2B76	
80		404,35	B	20	85	130	58	8,97	25,55	11,00	PHS 10B-2B80	
95		480,14	B	20	85	130	58	8,97	25,55	12,00	PHS 10B-2B95	
114		576,13	B	20	85	130	58	8,97	25,55	13,00	PHS 10B-2B114	
19,05		10	61,65	B	12	32	42	45	10,87	30,33	0,57	PHS 12B-2BH10
		11	67,61	B	16	32	47	50	10,87	30,33	0,80	PHS 12B-2BH11
		12	73,61	B	16	32	53	50	10,87	30,33	1,03	PHS 12B-2BH12
		13	79,59	B	16	36	59	50	10,87	30,33	1,26	PHS 12B-2BH13
		14	85,61	B	16	42	65	50	10,87	30,33	1,52	PHS 12B-2BH14
		15	91,63	B	16	44	71	50	10,87	30,33	1,78	PHS 12B-2BH15
	16	97,65	B	20	51	77	50	10,87	30,33	2,08	PHS 12B-2BH16	
	17	103,67	B	20	55	83	50	10,87	30,33	2,37	PHS 12B-2BH17	
	18	109,71	B	20	60	89	50	10,87	30,33	2,72	PHS 12B-2BH18	
	19	115,75	B	20	55	95	50	10,87	30,33	3,07	PHS 12B-2BH19	
	20	121,78	B	20	64	100	50	10,87	30,33	3,39	PHS 12B-2BH20	
	21	127,82	B	20	60	100	50	10,87	30,33	3,70	PHS 12B-2BH21	
	22	133,86	B	20	64	100	50	10,87	30,33	4,11	PHS 12B-2BH22	
	23	139,90	B	20	60	110	50	10,87	30,33	4,52	PHS 12B-2BH23	
	24	145,94	B	20	73	110	50	10,87	30,33	4,96	PHS 12B-2BH24	

Maximum bores can accommodate standard keyways. Larger bores are available.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

ISO 12B-2 · 19,05 mm pitch | ISO 16B-2 · 25,40 mm pitch



Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions Bore		Hub		Plate thickness		Mass	Designation
				Min.	Max.	H	L	t ₁	t ₂		
mm	—	mm	—	mm						kg	—
19,05	25	152,00	B	20	60	120	50	10,87	30,33	5,39	PHS 12B-2BH25
	26	158,04	B	20	80	120	50	10,87	30,33	5,74	PHS 12B-2B26
	27	164,09	B	20	60	120	50	10,87	30,33	6,09	PHS 12B-2B27
	28	170,13	B	20	80	120	50	10,87	30,33	6,45	PHS 12B-2B28
	30	182,25	B	20	60	120	50	10,87	30,33	7,17	PHS 12B-2B30
	32	194,36	B	20	85	120	50	10,87	30,33	8,41	PHS 12B-2B32
	35	212,52	B	20	85	120	50	10,87	30,33	9,70	PHS 12B-2B35
	36	218,58	B	25	85	120	50	10,87	30,33	10,12	PHS 12B-2B36
	38	230,69	B	25	65	120	50	10,87	30,33	10,98	PHS 12B-2B38
	40	242,81	B	25	85	120	50	10,87	30,33	11,84	PHS 12B-2B40
	45	273,10	B	25	65	136	62	10,87	30,33	10,58	PHS 12B-2B45
	48	291,27	B	25	85	136	62	10,87	30,33	15,26	PHS 12B-2B48
	57	345,81	B	25	70	136	62	10,87	30,33	11,72	PHS 12B-2B57
	60	363,99	B	25	85	136	62	10,87	30,33	20,40	PHS 12B-2B60
	68	412,49	C	25	85	140	63	10,87	30,33	23,83	PHS 12B-2C68
	76	460,99	C	25	80	140	63	10,87	30,33	18,50	PHS 12B-2C76
	80	485,22	C	25	85	140	63	10,87	30,33	28,97	PHS 12B-2C80
	95	576,17	C	25	93	140	63	10,87	30,33	35,39	PHS 12B-2C95
	96	582,23	C	25	93	140	63	10,87	30,33	35,82	PHS 12B-2C96
	114	691,36	C	25	93	140	63	10,87	30,33	43,53	PHS 12B-2C114
25,40	11	90,14	B	20	42	64	70	15,83	47,71	1,86	PHS 16B-2BH11
	12	98,14	B	20	45	72	70	15,83	47,71	2,54	PHS 16B-2BH12
	13	106,12	B	20	48	80	70	15,83	47,71	3,22	PHS 16B-2BH13
	14	114,15	B	20	53	88	70	15,83	47,71	3,90	PHS 16B-2BH14
	15	122,17	B	20	58	96	70	15,83	47,71	4,58	PHS 16B-2BH15
	16	130,20	B	20	66	104	70	15,83	47,71	5,35	PHS 16B-2BH16
	17	138,22	B	20	70	112	70	15,83	47,71	6,12	PHS 16B-2BH17
	18	146,28	B	20	80	120	70	15,83	47,71	7,02	PHS 16B-2BH18
	19	154,33	B	20	70	128	70	15,83	47,71	7,91	PHS 16B-2BH19
	20	162,38	B	20	85	130	70	15,83	47,71	8,59	PHS 16B-2BH20
	21	170,43	B	25	75	130	70	15,83	47,71	9,26	PHS 16B-2BH21
	22	178,48	B	25	85	130	70	15,83	47,71	10,05	PHS 16B-2BH22
	23	186,53	B	25	75	130	70	15,83	47,71	10,84	PHS 16B-2BH23
	24	194,59	B	25	85	130	70	15,83	47,71	11,70	PHS 16B-2BH24
	25	202,66	B	25	75	130	70	15,83	47,71	12,56	PHS 16B-2BH25
	26	210,72	B	25	85	130	70	15,83	47,71	13,52	PHS 16B-2B26
	27	218,79	B	25	75	130	70	15,83	47,71	14,48	PHS 16B-2B27
	28	226,85	B	25	85	130	70	15,83	47,71	15,49	PHS 16B-2B28
	29	234,92	B	25	85	130	70	15,83	47,71	16,51	PHS 16B-2B29
	30	243,00	B	25	75	130	70	15,83	47,71	17,52	PHS 16B-2B30
	32	259,13	B	25	95	140	70	15,83	47,71	20,13	PHS 16B-2B32
	35	283,36	B	25	95	140	70	15,83	47,71	24,04	PHS 16B-2B35
	36	291,44	B	25	95	140	70	15,83	47,71	25,34	PHS 16B-2B36
	38	307,59	B	25	75	140	70	15,83	47,71	27,95	PHS 16B-2B38
	42	339,90	B	25	95	140	70	15,83	47,71	32,35	PHS 16B-2B42
	45	364,13	C	25	85	140	70	15,83	47,71	22,00	PHS 16B-2C45
	57	461,07	C	25	85	150	85	15,83	47,71	34,50	PHS 16B-2C57
	60	485,32	C	25	95	150	85	15,83	47,71	52,14	PHS 16B-2C60
	68	549,98	C	25	96	160	90	15,83	47,71	60,93	PHS 16B-2C68
	76	614,65	C	25	100	160	90	15,83	47,71	51,50	PHS 16B-2C76
	80	646,96	C	25	102	160	90	15,83	47,71	74,13	PHS 16B-2C80
	95	768,22	C	25	100	160	90	15,83	47,71	90,62	PHS 16B-2C95
	114	921,81	C	25	102	160	90	15,83	47,71	111,51	PHS 16B-2C114

Maximum bores can accommodate standard keyways. Larger bores are available.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

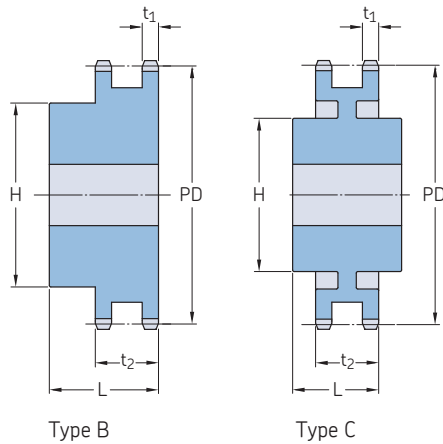
ISO 20B-2 · 31,75 mm pitch | ISO 24B-2 · 38,10 mm pitch | ISO 28B-2 · 44,45 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation	
		PD		Bore	H	L	t ₁	t ₂				
		Min.		Max.								
mm	–	mm	–	mm					kg	–		
31,75	10	102,75	B	20	45	70	75	18,19	54,64	2,90	PHS 20B-2BH10	
	11	112,70	B	20	52	80	80	18,19	54,64	3,67	PHS 20B-2BH11	
	12	122,67	B	20	60	90	80	18,19	54,64	4,31	PHS 20B-2BH12	
	13	132,67	B	20	64	100	80	18,19	54,64	5,53	PHS 20B-2BH13	
	14	142,68	B	20	73	110	80	18,19	54,64	6,62	PHS 20B-2BH14	
	15	152,71	B	20	80	120	80	18,19	54,64	7,76	PHS 20B-2BH15	
	16	162,75	B	25	80	120	80	18,19	54,64	9,12	PHS 20B-2BH16	
	17	172,79	B	25	80	120	80	18,19	54,64	10,44	PHS 20B-2BH17	
	18	182,84	B	25	80	120	80	18,19	54,64	11,71	PHS 20B-2BH18	
	19	192,90	B	25	80	120	80	18,19	54,64	12,92	PHS 20B-2BH19	
	20	202,96	B	25	80	120	80	18,19	54,64	15,43	PHS 20B-2BH20	
	21	213,03	B	25	92	140	80	18,19	54,64	16,55	PHS 20B-2BH21	
	22	223,10	B	25	92	140	80	18,19	54,64	17,70	PHS 20B-2BH22	
	23	233,17	B	25	92	140	80	18,19	54,64	19,05	PHS 20B-2BH23	
	24	243,25	B	25	96	140	80	18,19	54,64	20,43	PHS 20B-2BH24	
	25	253,32	B	25	96	140	80	18,19	54,64	21,77	PHS 20B-2BH25	
	26	263,41	B	25	96	150	80	18,19	54,64	23,15	PHS 20B-2B26	
	27	273,49	B	25	96	150	80	18,19	54,64	24,97	PHS 20B-2B27	
	28	283,57	B	25	96	150	80	18,19	54,64	26,78	PHS 20B-2B28	
	30	303,75	B	25	96	150	80	18,19	54,64	30,41	PHS 20B-2B30	
	32	323,92	B	25	96	150	80	18,19	54,64	32,22	PHS 20B-2B32	
	35	354,20	C	25	100	150	80	18,19	54,64	34,02	PHS 20B-2C35	
	36	364,29	C	30	100	150	80	18,19	54,64	34,70	PHS 20B-2C36	
	38	384,48	C	30	100	150	80	18,19	54,64	43,72	PHS 20B-2C38	
	42	424,86	C	30	100	160	90	18,19	54,64	43,55	PHS 20B-2C42	
	45	455,15	C	30	100	160	90	18,19	54,64	46,72	PHS 20B-2C45	
	57	576,35	C	30	100	160	100	18,19	54,64	64,10	PHS 20B-2C57	
	60	606,66	C	30	125	160	100	18,19	54,64	79,38	PHS 20B-2C60	
	68	687,48	C	30	125	180	100	18,19	54,64	87,74	PHS 20B-2C68	
	76	768,30	C	30	125	180	100	18,19	54,64	96,11	PHS 20B-2C76	
	80	808,71	C	30	125	180	100	18,19	54,64	100,30	PHS 20B-2C80	
	95	960,28	C	30	125	180	100	18,19	54,64	115,98	PHS 20B-2C95	
	114	1 152,26	C	30	125	180	100	18,19	54,64	135,85	PHS 20B-2C114	
	38,10	11	135,23	B	25	60	90	100	23,62	71,98	6,50	PHS 24B-2BH11
		12	147,21	B	25	67	102	100	23,62	71,98	8,13	PHS 24B-2BH12
		13	159,20	B	25	76	114	100	23,62	71,98	9,92	PHS 24B-2BH13
		14	171,22	B	25	84	128	100	23,62	71,98	11,98	PHS 24B-2BH14
		15	183,25	B	25	93	132	100	23,62	71,98	14,13	PHS 24B-2BH15
		16	195,29	B	25	100	136	100	23,62	71,98	16,35	PHS 24B-2BH16
		17	207,35	B	25	100	136	100	23,62	71,98	17,85	PHS 24B-2BH17
		18	219,41	B	25	108	150	100	23,62	71,98	20,35	PHS 24B-2BH18
		19	231,48	B	25	108	160	100	23,62	71,98	22,56	PHS 24B-2BH19
		20	243,55	B	25	108	160	100	23,62	71,98	24,78	PHS 24B-2BH20
		21	255,63	B	25	108	160	100	23,62	71,98	26,99	PHS 24B-2BH21
22		267,72	B	25	108	160	100	23,62	71,98	29,74	PHS 24B-2BH22	
23		279,80	B	25	108	160	100	23,62	71,98	32,87	PHS 24B-2BH23	
24		291,90	B	25	108	160	100	23,62	71,98	36,00	PHS 24B-2BH24	
25		303,99	B	25	108	160	100	23,62	71,98	39,13	PHS 24B-2BH25	
26		316,09	B	30	108	160	100	23,62	71,98	42,26	PHS 24B-2B26	
27		328,19	B	30	108	160	100	23,62	71,98	45,40	PHS 24B-2B27	
28		340,29	B	30	108	160	100	23,62	71,98	48,53	PHS 24B-2B28	
29		352,39	B	30	108	160	100	23,62	71,98	51,66	PHS 24B-2B29	
30		364,49	B	30	108	160	100	23,62	71,98	54,79	PHS 24B-2B30	
32		388,71	B	30	108	160	100	23,62	71,98	61,05	PHS 24B-2B32	
38		461,37	B	30	137	160	100	23,62	71,98	72,01	PHS 24B-2B38	
40		485,60	C	30	137	160	100	23,62	71,98	75,80	PHS 24B-2C40	
42		509,83	C	30	137	180	100	23,62	71,98	79,59	PHS 24B-2C42	
45		546,19	C	30	137	180	100	23,62	71,98	85,28	PHS 24B-2C45	
48		582,54	C	30	137	180	100	23,62	71,98	90,97	PHS 24B-2C48	
50		606,78	C	30	137	180	100	23,62	71,98	94,76	PHS 24B-2C50	
54		655,26	C	30	161	180	110	23,62	71,98	127,46	PHS 24B-2C54	
57		691,62	C	30	161	180	110	23,62	71,98	140,74	PHS 24B-2C57	
60		727,99	C	30	161	180	120	23,62	71,98	154,02	PHS 24B-2C60	
68		824,97	C	30	161	200	120	23,62	71,98	189,45	PHS 24B-2C68	
72		873,46	C	30	161	200	120	23,62	71,98	207,16	PHS 24B-2C72	
76		921,96	C	30	161	200	120	23,62	71,98	224,87	PHS 24B-2C76	
95		1 152,33	C	30	161	200	120	23,62	71,98	309,00	PHS 24B-2C95	
96		1 164,46	C	30	161	200	120	23,62	71,98	313,43	PHS 24B-2C96	
114		1 382,72	C	30	161	200	120	23,62	71,98	393,13	PHS 24B-2C114	
44,45		11	157,77	B	25	73	112	120	29,36	88,90	10,21	PHS 28B-2BH11
		12	171,74	B	25	84	125	120	29,36	88,90	13,02	PHS 28B-2BH12
		13	185,75	B	25	84	125	120	29,36	88,90	16,00	PHS 28B-2BH13
		14	199,76	B	25	87	125	120	29,36	88,90	19,28	PHS 28B-2BH14

Maximum bores can accommodate standard keyways. Larger bores are available.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

ISO 28B-2 · 44,45 mm pitch | ISO 32B-2 · 50,80 mm pitch

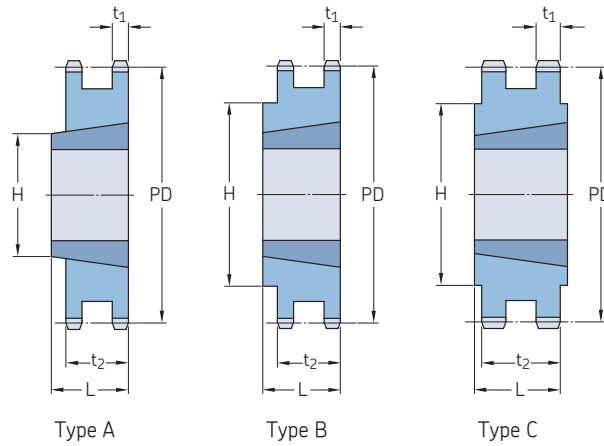


Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions Bore		Hub		Plate thickness		Mass	Designation
				Min.	Max.	H	L	t ₁	t ₂		
mm	–	mm	–	mm						kg	–
44,45	15	213,79	B	25	96	145	120	29,36	88,90	22,91	PHS 28B-2BH15
	16	227,84	B	30	108	160	120	29,36	88,90	26,92	PHS 28B-2BH16
	17	241,91	B	30	114	160	120	29,36	88,90	30,83	PHS 28B-2BH17
	18	255,98	B	30	114	160	120	29,36	88,90	34,74	PHS 28B-2BH18
	19	270,06	B	30	133	180	120	29,36	88,90	38,93	PHS 28B-2BH19
	20	284,15	B	30	133	180	120	29,36	88,90	44,27	PHS 28B-2BH20
	21	298,24	B	30	133	180	120	29,36	88,90	45,08	PHS 28B-2BH21
	22	312,34	B	30	133	180	120	29,36	88,90	48,15	PHS 28B-2BH22
	23	326,44	B	30	133	180	120	29,36	88,90	51,59	PHS 28B-2BH23
	24	340,55	B	30	133	180	120	29,36	88,90	55,03	PHS 28B-2BH24
	25	354,66	B	30	133	180	120	29,36	88,90	58,47	PHS 28B-2BH25
	26	368,77	B	30	133	180	120	29,36	88,90	64,06	PHS 28B-2B26
	28	397,00	B	30	133	180	120	29,36	88,90	76,05	PHS 28B-2B28
	30	425,24	B	30	133	180	120	29,36	88,90	89,16	PHS 28B-2B30
	32	453,49	B	30	133	180	120	29,36	88,90	103,38	PHS 28B-2B32
	38	538,27	B	30	133	200	120	29,36	88,90	97,53	PHS 28B-2B38
	40	566,54	C	30	137	200	120	29,36	88,90	109,47	PHS 28B-2C40
	45	637,22	C	30	137	200	120	29,36	88,90	137,32	PHS 28B-2C45
	48	679,63	C	30	137	200	120	29,36	88,90	153,61	PHS 28B-2C48
	54	764,46	C	30	162	200	120	29,36	88,90	204,44	PHS 28B-2C54
	57	806,90	C	30	162	200	120	29,36	88,90	210,02	PHS 28B-2C57
	60	849,32	C	30	162	200	130	29,36	88,90	230,82	PHS 28B-2C60
	68	962,46	C	30	162	200	130	29,36	88,90	273,98	PHS 28B-2C68
	72	1 019,05	C	30	162	200	130	29,36	88,90	305,70	PHS 28B-2C72
	76	1 075,62	C	30	162	200	130	29,36	88,90	323,56	PHS 28B-2C76
50,80	11	180,34	B	30	80	120	120	28,83	87,38	10,42	PHS 32B-2BH11
	12	196,29	B	30	89	133	120	28,83	87,38	16,32	PHS 32B-2BH12
	13	212,29	B	30	96	145	120	28,83	87,38	21,77	PHS 32B-2BH13
	14	228,29	B	30	103	145	120	28,83	87,38	26,31	PHS 32B-2BH14
	15	244,30	B	30	106	160	120	28,83	87,38	30,84	PHS 32B-2BH15
	16	260,40	B	30	120	160	120	28,83	87,38	34,02	PHS 32B-2BH16
	17	276,40	B	30	120	180	120	28,83	87,38	41,28	PHS 32B-2BH17
	18	292,55	B	30	120	180	120	28,83	87,38	43,55	PHS 32B-2BH18
	19	308,66	B	30	120	200	120	28,83	87,38	48,53	PHS 32B-2BH19
	20	324,71	B	30	130	200	120	28,83	87,38	53,98	PHS 32B-2BH20
	21	340,82	B	30	130	200	120	28,83	87,38	58,97	PHS 32B-2BH21
	22	356,98	B	30	130	200	120	28,83	87,38	63,96	PHS 32B-2BH22
	23	373,08	B	30	130	200	120	28,83	87,38	71,21	PHS 32B-2BH23
	24	389,18	B	30	130	200	120	28,83	87,38	77,57	PHS 32B-2BH24
	25	405,33	B	30	130	200	120	28,83	87,38	84,82	PHS 32B-2BH25
	26	421,44	B	30	130	200	120	28,83	87,38	91,17	PHS 32B-2B26
	28	453,69	B	30	130	200	120	28,83	87,38	101,13	PHS 32B-2B28
	30	486,00	B	30	130	200	120	28,83	87,38	116,57	PHS 32B-2B30
	38	615,14	B	30	178	200	120	28,83	87,38	170,25	PHS 32B-2B38
	40	647,49	C	30	178	200	120	28,83	87,38	177,46	PHS 32B-2C40
	45	728,26	C	30	178	200	120	28,83	87,38	195,50	PHS 32B-2C45
	48	776,72	C	30	178	200	120	28,83	87,38	204,51	PHS 32B-2C48
	54	873,68	C	30	178	220	120	28,83	87,38	222,53	PHS 32B-2C54
	57	922,16	C	30	178	220	120	28,83	87,38	231,54	PHS 32B-2C57
	68	1 099,96	C	30	178	220	130	28,83	87,38	255,83	PHS 32B-2C68
	76	1 229,28	C	30	178	220	130	28,83	87,38	292,83	PHS 32B-2C76

Maximum bores can accommodate standard keyways. Larger bores are available.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, taper bushed

ISO 06B-2 · 9,525 mm pitch | ISO 08B-2 · 12,70 mm pitch

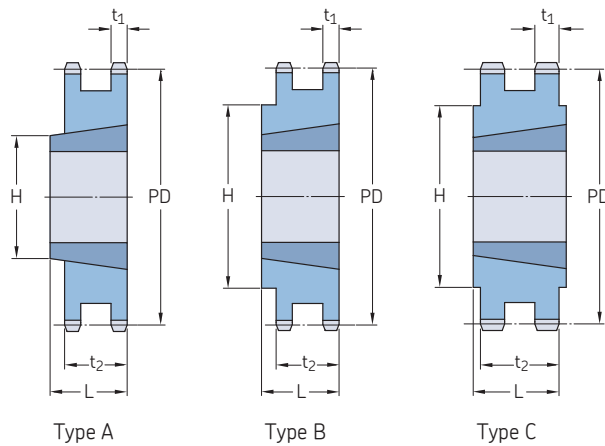


Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness		Mass Rim	Bushing	Designation
					Min.	Max.			t ₁	t ₂			
mm	—	mm	—	—	mm						kg	—	—
9,525	16	48,82	B	1008	9	25,4	22,0	41	5,20	15,44	0,06	0,12	PHS 06B-2TBH16
	17	51,83	B	1008	9	25,4	22,0	41	5,20	15,44	0,12	0,09	PHS 06B-2TBH17
	18	54,85	B	1008	9	25,4	22,0	45	5,20	15,44	0,18	0,09	PHS 06B-2TBH18
	19	57,87	B	1008	9	25,4	22,0	46	5,20	15,44	0,20	0,09	PHS 06B-2TBH19
	20	60,89	B	1008	9	25,4	22,0	48	5,20	15,44	0,24	0,09	PHS 06B-2TBH20
	21	63,91	B	1008	9	25,4	22,0	49	5,20	15,44	0,29	0,09	PHS 06B-2TBH21
	22	66,93	B	1108	9	25,4	22,0	52	5,20	15,44	0,30	0,12	PHS 06B-2TBH22
	23	69,95	B	1210	11	31,8	25,0	59	5,20	15,44	0,26	0,21	PHS 06B-2TBH23
	24	72,97	B	1210	11	31,8	25,0	63	5,20	15,44	0,34	0,21	PHS 06B-2TBH24
	25	76,00	B	1210	11	31,8	25,0	64	5,20	15,44	0,41	0,21	PHS 06B-2TBH25
	26	79,02	B	1210	11	31,8	25,0	65	5,20	15,44	0,45	0,21	PHS 06B-2TB26
	27	82,05	B	1210	11	31,8	25,0	70	5,20	15,44	0,50	0,21	PHS 06B-2TB27
	28	85,07	B	1210	11	31,8	25,0	70	5,20	15,44	0,54	0,21	PHS 06B-2TB28
	29	88,09	B	1210	11	31,8	25,0	70	5,20	15,44	0,51	0,21	PHS 06B-2TB29
	30	91,12	B	1210	11	31,8	25,0	75	5,20	15,44	0,61	0,21	PHS 06B-2TB30
	32	97,17	B	1610	14	41,3	25,0	80	5,20	15,44	0,75	0,31	PHS 06B-2TB32
	35	106,26	B	1610	14	41,3	25,0	80	5,20	15,44	0,95	0,31	PHS 06B-2TB35
	38	115,35	B	1610	14	41,3	25,0	80	5,20	15,44	1,16	0,31	PHS 06B-2TB38
	40	121,40	B	1610	14	41,3	25,0	80	5,20	15,44	1,30	0,31	PHS 06B-2TB40
	45	136,55	B	1610	14	41,3	25,0	80	5,20	15,44	1,64	0,31	PHS 06B-2TB45
	48	145,64	B	1610	14	41,3	25,0	80	5,20	15,44	1,85	0,31	PHS 06B-2TB48
	54	163,82	B	1610	14	41,3	25,0	80	5,20	15,44	2,26	0,31	PHS 06B-2TB54
	57	172,91	B	1610	14	41,3	25,0	80	5,20	15,44	1,75	0,31	PHS 06B-2TB57
	60	182,00	B	1610	14	41,3	25,0	80	5,20	15,44	2,67	0,31	PHS 06B-2TB60
	70	212,30	B	1610	14	41,3	25,0	80	5,20	15,44	3,36	0,31	PHS 06B-2TB70
	76	230,49	B	1610	14	41,3	25,0	80	5,20	15,44	3,19	0,31	PHS 06B-2TB76
	95	288,08	B	1610	14	41,3	25,0	90	5,20	15,44	5,08	0,31	PHS 06B-2TB95
	114	345,68	B	1615	14	50,8	38,0	95	5,20	15,44	6,39	0,59	PHS 06B-2TB114
12,70	15	61,09	A	1008	9	25,4	22,0	46	7,24	21,13	0,23	0,09	PHS 08B-2TBH15
	16	65,10	A	1108	9	28,0	22,0	50	7,24	21,13	0,25	0,12	PHS 08B-2TBH16
	17	69,11	A	1210	11	31,8	25,0	56	7,24	21,13	0,26	0,21	PHS 08B-2TBH17
	18	73,14	B	1210	11	31,8	25,0	60	7,24	21,13	0,31	0,21	PHS 08B-2TBH18
	19	77,16	B	1210	11	31,8	25,0	62	7,24	21,13	0,43	0,21	PHS 08B-2TBH19
	20	81,19	B	1610	14	41,3	25,0	68	7,24	21,13	0,45	0,31	PHS 08B-2TBH20
	21	85,22	B	1610	14	41,3	25,0	70	7,24	21,13	0,48	0,31	PHS 08B-2TBH21
	22	89,24	B	1610	14	41,3	25,0	76	7,24	21,13	0,54	0,31	PHS 08B-2TBH22
	23	93,27	B	1610	14	41,3	25,0	79	7,24	21,13	0,66	0,31	PHS 08B-2TBH23
	24	97,29	B	1610	14	50,8	32,0	84	7,24	21,13	0,60	0,59	PHS 08B-2TBH24
	25	101,33	B	2012	14	50,8	32,0	87	7,24	21,13	0,74	0,59	PHS 08B-2TBH25
	26	105,36	B	2012	14	50,8	32,0	87	7,24	21,13	0,81	0,59	PHS 08B-2TB26
	27	109,40	B	2012	14	50,8	32,0	87	7,24	21,13	0,92	0,59	PHS 08B-2TB27
	28	113,42	B	2012	14	50,8	32,0	87	7,24	21,13	1,03	0,59	PHS 08B-2TB28
	29	117,46	B	2012	14	50,8	32,0	87	7,24	21,13	1,16	0,59	PHS 08B-2TB29
	30	121,50	B	2012	14	50,8	32,0	87	7,24	21,13	1,25	0,59	PHS 08B-2TB30
	35	141,68	B	2012	14	50,8	32,0	100	7,24	21,13	1,65	0,59	PHS 08B-2TB35
	36	145,72	B	2012	14	50,8	32,0	100	7,24	21,13	2,05	0,59	PHS 08B-2TB36
	38	153,80	B	2012	14	50,8	32,0	100	7,24	21,13	2,53	0,59	PHS 08B-2TB38
	42	169,94	C	2517	16	63,5	32,0	100	7,24	21,13	3,13	1,30	PHS 08B-2TB42
	45	182,07	C	2012	14	50,8	32,0	100	7,24	21,13	3,73	0,59	PHS 08B-2TB45
	48	194,18	C	2517	16	63,5	32,0	100	7,24	21,13	3,84	1,30	PHS 08B-2TB48
	54	218,42	C	2517	16	63,5	32,0	100	7,24	21,13	3,95	1,30	PHS 08B-2TB54
	57	230,53	C	2012	14	50,8	32,0	100	7,24	21,13	4,07	0,59	PHS 08B-2TB57
	60	242,66	C	2517	16	63,5	32,0	100	7,24	21,13	4,20	1,30	PHS 08B-2TB60

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

Metric sprockets, duplex, taper bushed

ISO 08B-2 · 12,70 mm pitch | ISO 10B-2 · 15,88 mm pitch | ISO 12B-2 · 19,05 mm pitch



Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions Bore		L	H	Plate thickness		Mass Rim	Bushing	Designation
					Min.	Max.			t ₁	t ₂			
mm	–	mm	–	–	mm						kg		–
12,70	68	274,99	C	2517	16	63,5	32,0	100	7,24	21,13	4,33	1,30	PHS 08B-2TB68
	70	283,07	C	2517	16	63,5	32,0	100	7,24	21,13	4,46	1,30	PHS 08B-2TB70
	72	291,15	C	2517	16	63,5	32,0	100	7,24	21,13	4,59	1,30	PHS 08B-2TB72
	76	307,31	C	2012	14	50,8	32,0	100	7,24	21,13	4,72	0,59	PHS 08B-2TB76
	84	339,65	C	2517	16	63,5	32,0	100	7,24	21,13	6,45	1,30	PHS 08B-2TB84
	95	384,10	C	2012	14	50,8	32,0	100	7,24	21,13	8,18	0,59	PHS 08B-2TB95
	96	388,15	C	2517	16	63,5	32,0	110	7,24	21,13	9,00	1,30	PHS 08B-2TB96
	114	460,90	C	2517	16	63,5	45,0	110	7,24	21,13	10,50	1,30	PHS 08B-2TB114
	14	71,34	A	1008	9	25,4	25,5	–	8,97	25,22	0,43	0,09	PHS 10B-2TBH14
	15	76,36	A	1210	11	31,8	25,5	–	8,97	25,22	0,39	0,21	PHS 10B-2TBH15
	16	81,37	A	1610	14	41,3	25,5	–	8,97	25,22	0,35	0,31	PHS 10B-2TBH16
	17	86,39	A	1610	14	41,3	25,5	–	8,97	25,22	0,46	0,31	PHS 10B-2TBH17
	18	91,42	A	1610	14	41,3	25,5	–	8,97	25,22	0,62	0,31	PHS 10B-2TBH18
	19	96,45	A	1610	14	41,3	25,5	–	8,97	25,22	0,75	0,31	PHS 10B-2TBH19
15,88	20	101,49	B	1610	14	41,3	25,5	–	8,97	25,55	0,87	0,31	PHS 10B-2TBH20
	21	106,52	B	1610	14	41,3	25,5	–	8,97	25,55	1,05	0,31	PHS 10B-2TBH21
	22	111,55	B	1610	14	41,3	25,5	–	8,97	25,55	1,20	0,31	PHS 10B-2TBH22
	23	116,58	B	1610	14	41,3	25,5	–	8,97	25,55	1,38	0,31	PHS 10B-2TBH23
	24	121,62	B	2012	14	50,8	32,0	90	8,97	25,55	1,43	0,59	PHS 10B-2TBH24
	25	126,66	B	2012	14	50,8	32,0	90	8,97	25,55	1,62	0,59	PHS 10B-2TBH25
	26	131,70	B	2012	14	50,8	32,0	90	8,97	25,55	1,79	0,59	PHS 10B-2TB26
	27	136,75	B	2012	14	50,8	32,0	90	8,97	25,55	2,00	0,59	PHS 10B-2TB27
	28	141,78	B	2012	14	50,8	32,0	90	8,97	25,55	2,20	0,59	PHS 10B-2TB28
	29	146,83	B	2012	14	50,8	32,0	90	8,97	25,55	2,43	0,59	PHS 10B-2TB29
	30	151,87	B	2012	14	50,8	32,0	90	8,97	25,55	2,66	0,59	PHS 10B-2TB30
	36	182,15	C	2517	16	63,5	45,0	110	8,97	25,55	4,33	1,30	PHS 10B-2TB36
	38	192,24	C	2517	14	50,8	45,0	110	8,97	25,55	4,88	0,59	PHS 10B-2TB38
	42	212,44	C	2517	16	63,5	45,0	110	8,97	25,55	5,99	1,30	PHS 10B-2TB42
	45	227,58	C	2517	16	63,5	45,0	110	8,97	25,55	6,83	1,30	PHS 10B-2TB45
	48	242,73	C	2517	16	63,5	45,0	110	8,97	25,55	7,66	1,30	PHS 10B-2TB48
	57	288,18	C	2517	16	63,5	45,0	110	8,97	25,55	10,15	1,30	PHS 10B-2TB57
	60	303,32	C	2517	16	63,5	45,0	110	8,97	25,55	10,99	1,30	PHS 10B-2TB60
	68	343,74	C	2517	16	63,5	45,0	110	8,97	25,55	13,21	1,30	PHS 10B-2TB68
	76	384,16	C	2517	16	63,5	45,0	110	8,97	25,55	15,43	1,30	PHS 10B-2TB76
	84	424,57	C	2517	16	63,5	45,0	110	8,97	25,55	17,65	1,30	PHS 10B-2TB84
	95	480,14	C	2517	16	63,5	45,0	110	8,97	25,55	20,70	1,30	PHS 10B-2TB95
	114	576,13	C	2517	16	63,5	45,0	110	8,97	25,55	25,97	1,30	PHS 10B-2TB114
	12	73,61	A	1215	11	31,8	30,3	–	10,87	30,33	0,19	0,30	PHS 12B-2TBH12
	13	79,59	A	1215	14	41,3	30,3	–	10,87	30,33	0,36	0,30	PHS 12B-2TBH13
	14	85,61	A	1215	14	41,3	30,3	–	10,87	30,33	0,53	0,30	PHS 12B-2TBH14
	15	91,63	A	1610	14	41,3	30,3	–	10,87	30,33	0,70	0,31	PHS 12B-2TBH15
	16	97,65	A	1610	14	41,3	30,3	–	10,87	30,33	0,87	0,31	PHS 12B-2TBH16
	17	103,67	A	1610	14	41,3	30,3	–	10,87	30,33	1,10	0,31	PHS 12B-2TBH17
	18	109,71	B	2012	14	50,8	31,8	90	10,87	30,33	1,05	0,59	PHS 12B-2TBH18
	19	115,75	B	2012	14	50,8	32,0	90	10,87	30,33	1,29	0,59	PHS 12B-2TBH19
	20	121,78	B	2517	16	63,5	45,0	102	10,87	30,33	1,34	1,30	PHS 12B-2TBH20
	21	127,82	B	2517	16	63,5	45,0	108	10,87	30,33	1,71	1,30	PHS 12B-2TBH21
	22	133,86	B	2517	16	63,5	45,0	108	10,87	30,33	2,03	1,30	PHS 12B-2TBH22
	23	139,90	B	2517	16	63,5	45,0	108	10,87	30,33	2,51	1,30	PHS 12B-2TBH23
	24	145,94	B	2517	16	63,5	45,0	108	10,87	30,33	2,58	1,30	PHS 12B-2TBH24
	25	152,00	B	2517	16	63,5	45,0	108	10,87	30,33	3,38	1,30	PHS 12B-2TBH25
	26	158,04	B	2517	16	63,5	45,0	108	10,87	30,33	3,24	1,30	PHS 12B-2TB26
	27	164,09	B	2517	16	63,5	45,0	108	10,87	30,33	4,00	1,30	PHS 12B-2TB27

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

Metric sprockets, duplex, taper bushed

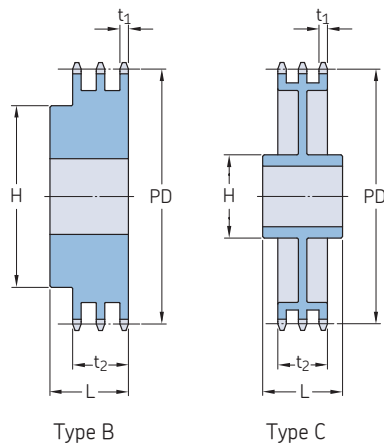
ISO 12B-2 · 19,05 mm pitch | ISO 16B-2 · 25,40 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions				Plate thickness		Mass Rim	Bushing	Designation
		PD			Min.	Max.	L	H	t ₁	t ₂			
mm	–	mm	–	–	mm						kg		–
19,05	28	170,13	B	2517	16	63,5	45,0	108	10,87	30,33	3,92	1,30	PHS 12B-2TB28
	30	182,25	B	2517	16	63,5	45,0	108	10,87	30,33	5,14	1,30	PHS 12B-2TB30
	32	194,36	B	2517	16	63,5	44,5	130	10,87	30,33	5,92	1,30	PHS 12B-2TB32
	35	212,52	B	2517	16	63,5	44,5	130	10,87	30,33	7,08	1,30	PHS 12B-2TB35
	38	230,69	B	3020	25	76,2	51,0	140	10,87	30,33	6,95	2,24	PHS 12B-2TB38
	40	242,81	C	3020	25	76,2	51,0	140	10,87	30,33	9,03	2,24	PHS 12B-2TB40
	42	254,93	C	3020	25	76,2	51,0	140	10,87	30,33	9,81	2,24	PHS 12B-2TB42
	45	273,10	C	3020	25	76,2	51,0	140	10,87	30,33	9,33	2,24	PHS 12B-2TB45
	54	327,64	C	3020	25	76,2	51,0	140	10,87	30,33	14,47	2,24	PHS 12B-2TB54
	57	345,81	C	3020	25	76,2	51,0	140	10,87	30,33	10,50	2,24	PHS 12B-2TB57
	60	363,99	C	3020	25	76,2	51,0	140	10,87	30,33	16,80	2,24	PHS 12B-2TB60
	65	394,29	C	3020	25	76,2	51,0	140	10,87	30,33	18,75	2,24	PHS 12B-2TB65
	70	424,60	C	3020	25	76,2	51,0	140	10,87	30,33	20,69	2,24	PHS 12B-2TB70
	76	460,99	C	3020	25	76,2	51,0	140	10,87	30,33	17,06	2,24	PHS 12B-2TB76
	84	509,48	C	3020	25	76,2	51,0	140	10,87	30,33	26,13	2,24	PHS 12B-2TB84
	95	576,17	C	3020	25	76,2	51,0	140	10,87	30,33	28,50	2,24	PHS 12B-2TB95
	114	691,36	C	3020	25	76,2	76,0	140	10,87	30,33	37,80	2,24	PHS 12B-2TB114
25,40	13	106,12	A	1615	14	42,0	47,7	–	15,83	47,71	0,51	0,59	PHS 16B-2TBH13
	14	114,15	A	2012	14	50,8	47,7	–	15,83	47,71	1,01	0,59	PHS 16B-2TBH14
	15	122,17	A	2012	14	50,8	47,7	–	15,83	47,71	2,12	0,59	PHS 16B-2TBH15
	16	130,20	A	2517	16	63,5	47,7	–	15,83	47,71	2,01	1,30	PHS 16B-2TBH16
	17	138,22	A	2517	16	63,5	47,7	–	15,83	47,71	2,51	1,30	PHS 16B-2TBH17
	18	146,28	A	2517	16	63,5	47,7	–	15,83	47,71	3,13	1,30	PHS 16B-2TBH18
	19	154,33	A	2517	16	63,5	47,7	–	15,83	47,71	3,76	1,30	PHS 16B-2TBH19
	20	162,38	B	2517	16	63,5	47,7	140	15,83	47,71	4,43	1,30	PHS 16B-2TBH20
	21	170,43	B	3020	25	76,2	51,0	140	15,83	47,71	4,13	2,24	PHS 16B-2TBH21
	22	178,48	B	3020	25	76,2	51,0	140	15,83	47,71	4,95	2,24	PHS 16B-2TBH22
	23	186,53	B	3020	25	76,2	51,0	140	15,83	47,71	5,80	2,24	PHS 16B-2TBH23
	24	194,59	B	3020	25	76,2	51,0	140	15,83	47,71	6,68	2,24	PHS 16B-2TBH24
	25	202,66	B	3020	25	76,2	51,0	140	15,83	47,71	7,65	2,24	PHS 16B-2TBH25
	26	210,72	B	3020	25	76,2	51,0	140	15,83	47,71	8,50	2,24	PHS 16B-2TB26
	27	218,79	B	3020	25	76,2	51,0	140	15,83	47,71	9,47	2,24	PHS 16B-2TB27
	28	226,85	B	3020	25	76,2	51,0	140	15,83	47,71	10,46	2,24	PHS 16B-2TB28
	29	234,92	B	3020	25	76,2	51,0	140	15,83	47,71	11,48	2,24	PHS 16B-2TB29
	30	243,00	B	3020	25	76,2	51,0	140	15,83	47,71	12,50	3,04	PHS 16B-2TB30
	35	283,36	C	3030	35	76,2	76,0	140	15,83	47,71	16,36	3,04	PHS 16B-2TB35
	38	307,59	C	3030	25	63,5	51,0	140	15,83	47,71	13,48	3,04	PHS 16B-2TB38
	42	339,90	C	3030	35	76,2	76,0	140	15,83	47,71	22,52	2,24	PHS 16B-2TB42
	45	364,13	C	3030	35	76,2	76,0	140	15,83	47,71	18,30	3,04	PHS 16B-2TB45
	57	461,07	C	3525	35	100,0	63,5	175	15,83	47,71	27,00	3,56	PHS 16B-2TB57
	76	614,65	C	3525	35	100,0	63,5	175	15,83	47,71	43,50	3,56	PHS 16B-2TB76
	95	768,22	C	4040	40	101,6	102,0	215	15,83	47,71	67,00	5,54	PHS 16B-2TB95
	114	921,81	C	4040	40	101,6	102,0	215	15,83	47,71	85,88	5,54	PHS 16B-2TB114

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

Metric sprockets, triplex, standard

ISO 06B-3 · 9,525 mm pitch | ISO 08B-3 · 12,70 mm pitch



Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation
		PD		Bore	H	L	t ₁	t ₂			
		Min.		Max.							
mm	—	mm	—	mm					kg	—	
9,525	12	36,80	B	10	16	25	35	5,20	25,70	0,23	PHS 06B-3BH12
	13	39,79	B	10	18	28	35	5,20	25,70	0,27	PHS 06B-3BH13
	14	42,80	B	12	18	31	35	5,20	25,70	0,32	PHS 06B-3BH14
	15	45,81	B	12	20	34	35	5,20	25,70	0,36	PHS 06B-3BH15
	16	48,82	B	12	20	37	35	5,20	25,70	0,45	PHS 06B-3BH16
	17	51,83	B	12	24	40	35	5,20	25,70	0,54	PHS 06B-3BH17
	18	54,85	B	12	25	43	35	5,20	25,70	0,64	PHS 06B-3BH18
	19	57,87	B	12	28	46	35	5,20	25,70	0,72	PHS 06B-3BH19
	20	60,89	B	12	30	49	35	5,20	25,70	0,77	PHS 06B-3BH20
	21	63,91	B	14	30	52	40	5,20	25,70	0,86	PHS 06B-3BH21
	22	66,93	B	14	35	55	40	5,20	25,70	0,95	PHS 06B-3BH22
	23	69,95	B	14	38	58	40	5,20	25,70	1,04	PHS 06B-3BH23
	24	72,97	B	14	39	61	40	5,20	25,70	1,18	PHS 06B-3BH24
	25	76,02	B	14	40	64	40	5,20	25,70	1,27	PHS 06B-3BH25
	26	79,02	B	14	42	67	40	5,20	25,70	1,31	PHS 06B-3BH26
	27	82,02	B	14	45	70	40	5,20	25,70	1,36	PHS 06B-3BH27
	28	85,07	B	14	48	73	40	5,20	25,70	1,50	PHS 06B-3BH28
	29	88,09	B	14	50	76	40	5,20	25,70	1,68	PHS 06B-3BH29
	30	91,12	B	14	52	79	40	5,20	25,70	1,72	PHS 06B-3BH30
	32	97,17	B	16	52	80	40	5,20	25,70	2,00	PHS 06B-3BH32
	35	106,26	B	16	52	85	40	5,20	25,70	2,25	PHS 06B-3BH35
	36	109,29	B	16	60	90	40	5,20	25,70	2,33	PHS 06B-3BH36
	38	115,35	B	16	60	90	40	5,20	25,70	2,49	PHS 06B-3BH38
	40	121,40	B	16	60	90	40	5,20	25,70	2,65	PHS 06B-3BH40
	42	127,46	B	16	60	90	56	5,20	25,70	2,81	PHS 06B-3BH42
	45	136,55	B	16	60	90	56	5,20	25,70	3,00	PHS 06B-3BH45
	48	145,64	B	16	60	90	56	5,20	25,70	3,20	PHS 06B-3BH48
	52	157,75	B	16	60	90	56	5,20	25,70	3,46	PHS 06B-3BH52
	57	172,91	B	16	60	90	56	5,20	25,70	4,77	PHS 06B-3BH57
	60	181,99	B	16	60	90	56	5,20	25,70	5,02	PHS 06B-3BH60
	68	206,24	B	16	60	90	56	5,20	25,70	5,69	PHS 06B-3BH68
	70	212,30	B	16	60	90	56	5,20	25,70	5,86	PHS 06B-3BH70
	72	218,37	B	16	60	90	56	5,20	25,70	6,02	PHS 06B-3BH72
	76	230,49	B	16	64	90	56	5,20	25,70	8,48	PHS 06B-3BH76
	84	254,74	B	16	64	90	56	5,20	25,70	9,37	PHS 06B-3BH84
	95	288,08	B	16	64	90	56	5,20	25,70	13,61	PHS 06B-3BH95
	96	291,11	B	16	64	90	56	5,20	25,70	13,75	PHS 06B-3BH96
	114	345,69	B	16	64	90	56	5,20	25,70	17,48	PHS 06B-3BH114
12,70	11	45,07	B	14	22	32	50	7,24	35,05	0,32	PHS 08B-3BH11
	12	49,07	B	14	24	35	50	7,24	35,05	0,45	PHS 08B-3BH12
	13	53,06	B	14	25	38	50	7,24	35,05	0,59	PHS 08B-3BH13
	14	57,07	B	14	28	42	50	7,24	35,05	0,72	PHS 08B-3BH14
	15	61,09	B	14	31	46	50	7,24	35,05	0,81	PHS 08B-3BH15
	16	65,10	B	16	35	50	50	7,24	35,05	0,90	PHS 08B-3BH16
	17	69,11	B	16	36	54	50	7,24	35,05	1,04	PHS 08B-3BH17
	18	73,14	B	16	38	58	50	7,24	35,05	1,22	PHS 08B-3BH18
	19	77,16	B	16	40	62	50	7,24	35,05	1,41	PHS 08B-3BH19
	20	81,19	B	16	40	66	50	7,24	35,05	1,58	PHS 08B-3BH20
	21	85,22	B	16	45	70	55	7,24	35,05	1,81	PHS 08B-3BH21
	22	89,24	B	16	45	70	55	7,24	35,05	2,03	PHS 08B-3BH22
	23	93,27	B	16	45	70	55	7,24	35,05	2,27	PHS 08B-3BH23
	24	97,29	B	16	50	75	55	7,24	35,05	2,44	PHS 08B-3BH24
	25	101,33	B	16	52	80	55	7,24	35,05	2,54	PHS 08B-3BH25

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, standard

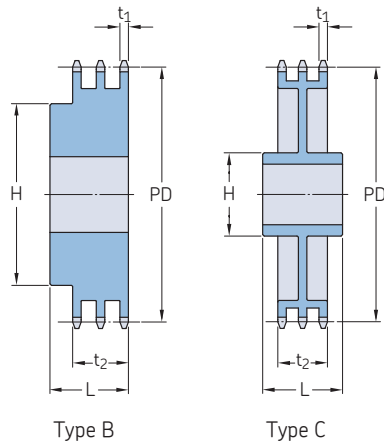
ISO 08B-3 · 12,70 mm pitch | ISO 10B-3 · 15,88 mm pitch | ISO 12B-3 · 19,05 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation		
		PD		Bore									
				Min.	Max.	H	L	t ₁	t ₂				
mm	–	mm	–	mm						kg	–		
12,70	26	105,36	B	20	56	85	55	7,24	35,05	2,85	PHS 08B-3B26		
	27	109,40	B	20	56	85	55	7,24	35,05	2,85	PHS 08B-3B27		
	28	113,42	B	20	60	90	55	7,24	35,05	3,16	PHS 08B-3B28		
	29	117,46	B	20	62	95	55	7,24	35,05	3,34	PHS 08B-3B29		
	30	121,50	B	20	64	100	55	7,24	35,05	3,48	PHS 08B-3B30		
	35	141,68	B	20	73	110	55	7,24	35,05	4,79	PHS 08B-3B35		
	36	145,72	B	25	80	120	55	7,24	35,05	5,43	PHS 08B-3B36		
	38	153,80	B	25	80	120	55	7,24	35,05	6,49	PHS 08B-3B38		
	42	169,95	B	25	80	120	60	7,24	35,05	7,17	PHS 08B-3B42		
	45	182,07	B	25	80	120	60	7,24	35,05	7,69	PHS 08B-3B45		
	48	194,18	B	25	80	120	60	7,24	35,05	8,20	PHS 08B-3B48		
	52	210,34	B	25	80	120	60	7,24	35,05	8,88	PHS 08B-3B52		
	54	218,43	B	25	80	120	60	7,24	35,05	9,22	PHS 08B-3B54		
	57	230,54	B	25	80	120	60	7,24	35,05	12,62	PHS 08B-3B57		
	60	242,66	B	25	85	120	60	7,24	35,05	13,84	PHS 08B-3B60		
	68	274,99	B	25	85	120	60	7,24	35,05	15,69	PHS 08B-3B68		
	72	291,16	B	25	85	120	60	7,24	35,05	16,61	PHS 08B-3B72		
	76	307,33	B	25	85	120	60	7,24	35,05	22,23	PHS 08B-3B76		
	84	339,65	B	25	85	120	60	7,24	35,05	24,57	PHS 08B-3B84		
	95	384,11	B	25	85	120	60	7,24	35,05	33,11	PHS 08B-3B95		
	114	460,90	B	25	85	120	60	7,24	35,05	41,90	PHS 08B-3B114		
15,88	11	56,34	B	16	24	39	55	8,97	42,14	0,68	PHS 10B-3BH11		
	12	61,34	B	16	29	44	55	8,97	42,14	0,82	PHS 10B-3BH12		
	13	66,32	B	16	34	49	55	8,97	42,14	1,05	PHS 10B-3BH13		
	14	71,34	B	16	35	54	55	8,97	42,14	1,23	PHS 10B-3BH14		
	15	76,36	B	16	38	59	55	8,97	42,14	1,36	PHS 10B-3BH15		
	16	81,37	B	16	42	64	60	8,97	42,14	1,55	PHS 10B-3BH16		
	17	86,38	B	16	45	69	60	8,97	42,14	1,81	PHS 10B-3BH17		
	18	91,42	B	16	48	74	60	8,97	42,14	2,09	PHS 10B-3BH18		
	19	96,45	B	16	52	79	60	8,97	42,14	2,40	PHS 10B-3BH19		
	20	101,49	B	16	56	84	60	8,97	42,14	2,72	PHS 10B-3BH20		
	21	106,52	B	20	56	85	60	8,97	42,14	3,04	PHS 10B-3BH21		
	22	111,55	B	20	60	90	60	8,97	42,14	3,36	PHS 10B-3BH22		
	23	116,58	B	20	62	95	60	8,97	42,14	3,67	PHS 10B-3BH23		
	24	121,62	B	20	64	100	60	8,97	42,14	4,00	PHS 10B-3BH24		
	25	126,66	B	20	68	105	60	8,97	42,14	4,31	PHS 10B-3BH25		
	26	131,70	B	20	73	110	60	8,97	42,14	5,18	PHS 10B-3B26		
	27	136,75	B	20	73	110	60	8,97	42,14	5,63	PHS 10B-3B27		
	28	141,78	B	20	76	115	60	8,97	42,14	6,04	PHS 10B-3B28		
	29	146,83	B	20	76	115	60	8,97	42,14	6,22	PHS 10B-3B29		
	30	151,87	B	20	80	120	60	8,97	42,14	6,36	PHS 10B-3B30		
	32	161,95	B	20	80	120	60	8,97	42,14	7,26	PHS 10B-3B32		
	35	177,10	B	20	80	120	60	8,97	42,14	8,60	PHS 10B-3B35		
	36	182,15	B	25	80	120	60	8,97	42,14	9,34	PHS 10B-3B36		
	38	192,24	B	25	80	120	60	8,97	42,14	11,03	PHS 10B-3B38		
	45	227,58	B	25	80	130	60	8,97	42,14	14,94	PHS 10B-3B45		
	48	242,73	B	25	80	130	60	8,97	42,14	16,62	PHS 10B-3B48		
	57	288,18	B	25	80	130	64	8,97	42,14	21,77	PHS 10B-3B57		
	60	303,32	B	25	80	130	67	8,97	42,14	22,22	PHS 10B-3B60		
	76	384,16	C	25	80	130	67	8,97	42,14	23,13	PHS 10B-3C76		
	80	404,35	C	25	80	130	67	8,97	42,14	25,14	PHS 10B-3C80		
	95	480,14	C	25	80	130	67	8,97	42,14	32,66	PHS 10B-3C95		
	114	576,13	C	25	80	130	67	8,97	42,14	44,76	PHS 10B-3C114		
19,05	11	67,61	B	20	32	47	70	10,87	49,78	1,13	PHS 12B-3BH11		
	12	73,61	B	20	36	53	70	10,87	49,78	1,50	PHS 12B-3BH12		
	13	79,59	B	20	38	59	70	10,87	49,78	1,77	PHS 12B-3BH13		
	14	85,61	B	20	42	65	70	10,87	49,78	2,04	PHS 12B-3BH14		
	15	91,63	B	20	45	71	70	10,87	49,78	2,45	PHS 12B-3BH15		
	16	97,65	B	20	51	77	70	10,87	49,78	2,95	PHS 12B-3BH16		
	17	103,67	B	20	54	83	70	10,87	49,78	3,49	PHS 12B-3BH17		
	18	109,71	B	20	60	89	70	10,87	49,78	3,86	PHS 12B-3BH18		
	19	115,75	B	20	62	95	70	10,87	49,78	4,54	PHS 12B-3BH19		
	20	121,78	B	20	64	100	70	10,87	49,78	5,08	PHS 12B-3BH20		
	21	127,82	B	20	64	100	70	10,87	49,78	5,67	PHS 12B-3BH21		
	22	133,86	B	20	64	100	70	10,87	49,78	5,99	PHS 12B-3BH22		
	23	139,90	B	20	73	110	70	10,87	49,78	6,62	PHS 12B-3BH23		
	24	145,94	B	20	73	110	70	10,87	49,78	7,17	PHS 12B-3BH24		
	25	152,00	B	20	80	120	70	10,87	49,78	7,71	PHS 12B-3BH25		
	26	158,04	B	20	80	120	70	10,87	49,78	8,44	PHS 12B-3B26		
	27	164,09	B	20	80	120	70	10,87	49,78	8,99	PHS 12B-3B27		
	28	170,13	B	20	80	120	70	10,87	49,78	9,49	PHS 12B-3B28		
	29	176,19	B	20	80	120	70	10,87	49,78	9,99	PHS 12B-3B29		
	30	182,25	B	20	80	120	70	10,87	49,78	10,53	PHS 12B-3B30		

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, standard

ISO 12B-3 · 19,05 mm pitch | ISO 16B-3 · 25,40 mm pitch | ISO 20B-3 · 31,75 mm pitch



Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation	
		PD		Bore		H	L	t ₁	t ₂			
				Min.	Max.							
mm	—	mm	—	mm						kg	—	
19,05	35	212,52	B	25	85	130	70	10,87	49,78	18,95	PHS 12B-3B35	
	36	218,58	B	25	85	130	70	10,87	49,78	19,49	PHS 12B-3B36	
	38	230,69	B	25	85	130	70	10,87	49,78	20,57	PHS 12B-3B38	
	45	273,10	B	25	85	140	70	10,87	49,78	24,36	PHS 12B-3B45	
	48	291,27	B	25	85	140	70	10,87	49,78	25,98	PHS 12B-3B48	
	57	345,81	B	25	82	140	70	10,87	49,78	33,73	PHS 12B-3B57	
	60	363,99	C	25	82	140	70	10,87	49,78	35,51	PHS 12B-3C60	
	68	412,49	C	25	82	140	70	10,87	49,78	40,24	PHS 12B-3C68	
	76	460,99	C	25	95	140	70	10,87	49,78	37,19	PHS 12B-3C76	
	80	485,22	C	25	95	140	70	10,87	49,78	39,15	PHS 12B-3C80	
	95	576,17	C	25	95	140	70	10,87	49,78	47,63	PHS 12B-3C95	
	25,40	10	90,14	B	20	42	56	95	15,82	79,58	1,85	PHS 16B-3BH10
		11	90,14	B	25	42	64	100	15,82	79,58	3,59	PHS 16B-3BH11
		12	98,14	B	25	45	72	100	15,82	79,58	3,59	PHS 16B-3BH12
		13	106,12	B	25	52	80	100	15,82	79,58	4,13	PHS 16B-3BH13
		14	114,15	B	25	58	88	100	15,82	79,58	4,68	PHS 16B-3BH14
		15	122,17	B	25	62	96	100	15,82	79,58	5,54	PHS 16B-3BH15
		16	130,20	B	25	66	104	100	15,82	79,58	6,81	PHS 16B-3BH16
17		138,22	B	25	74	112	100	15,82	79,58	8,07	PHS 16B-3BH17	
18		146,28	B	25	80	120	100	15,82	79,58	9,99	PHS 16B-3BH18	
19		154,33	B	25	84	128	100	15,82	79,58	10,89	PHS 16B-3BH19	
20		162,38	B	25	85	130	100	15,82	79,58	11,80	PHS 16B-3BH20	
21		170,43	B	25	85	130	100	15,82	79,58	13,61	PHS 16B-3BH21	
22		178,48	B	25	85	130	100	15,82	79,58	14,07	PHS 16B-3BH22	
23		186,53	B	25	85	130	100	15,82	79,58	14,97	PHS 16B-3BH23	
24		194,59	B	25	85	130	100	15,82	79,58	16,34	PHS 16B-3BH24	
25		202,66	B	25	85	130	100	15,82	79,58	17,70	PHS 16B-3BH25	
26		210,72	B	30	85	130	100	15,82	79,58	19,98	PHS 16B-3B26	
27		218,79	B	30	85	130	100	15,82	79,58	21,57	PHS 16B-3B27	
28		226,85	B	30	85	130	100	15,82	79,58	23,15	PHS 16B-3B28	
29		234,92	B	30	85	130	100	15,82	79,58	24,74	PHS 16B-3B29	
30		243,00	B	30	95	136	100	15,82	79,58	26,33	PHS 16B-3B30	
35		283,36	B	30	95	140	100	15,82	79,58	36,06	PHS 16B-3B35	
36		291,44	B	30	95	140	100	15,82	79,58	38,06	PHS 16B-3B36	
38		307,59	C	30	97	140	100	15,82	79,58	38,22	PHS 16B-3C38	
42	339,89	C	30	97	160	100	15,82	79,58	38,51	PHS 16B-3C42		
45	364,13	C	30	97	160	100	15,82	79,58	41,77	PHS 16B-3C45		
57	461,07	C	30	107	180	110	15,82	79,58	54,80	PHS 16B-3C57		
60	485,32	C	30	107	180	110	15,82	79,58	58,06	PHS 16B-3C60		
68	549,98	C	30	107	180	110	15,82	79,58	63,50	PHS 16B-3C68		
76	614,65	C	30	107	180	110	15,82	79,58	74,52	PHS 16B-3C76		
95	768,22	C	30	114	180	110	15,82	79,58	100,70	PHS 16B-3C95		
114	921,81	C	30	114	180	110	15,82	79,58	120,84	PHS 16B-3C114		
31,75	10	102,75	B	20	47	70	110	18,19	91,08	3,95	PHS 20B-3BH10	
	11	112,70	B	20	52	80	115	18,19	91,08	5,26	PHS 20B-3BH11	
	12	122,67	B	20	60	90	115	18,19	91,08	6,21	PHS 20B-3BH12	
	13	132,67	B	20	64	100	115	18,19	91,08	9,26	PHS 20B-3BH13	
	14	142,68	B	20	73	110	115	18,19	91,08	9,76	PHS 20B-3BH14	
	15	152,71	B	20	80	120	115	18,19	91,08	10,81	PHS 20B-3BH15	
	16	162,75	B	25	80	120	115	18,19	91,08	12,76	PHS 20B-3BH16	
	17	172,79	B	25	80	120	115	18,19	91,08	14,76	PHS 20B-3BH17	
	18	182,84	B	25	80	120	115	18,19	91,08	16,71	PHS 20B-3BH18	
	19	192,90	B	25	80	120	115	18,19	91,08	19,13	PHS 20B-3BH19	

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

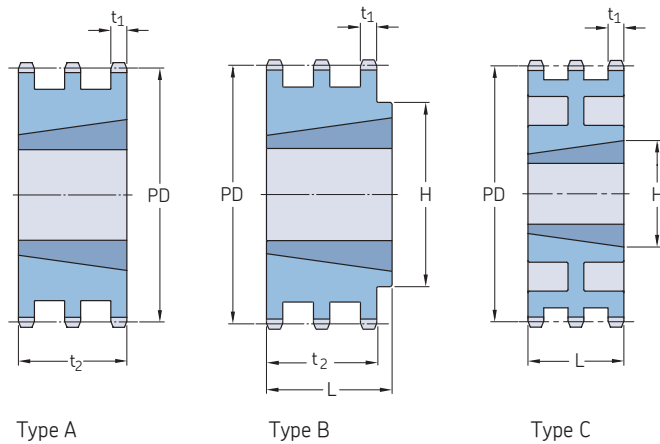
Metric sprockets, triplex, standard
ISO 20B-3 · 31,75 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation
		PD		Min.	Max.	H	L	t ₁	t ₂		
mm	—	mm	—	mm						kg	—
31,75	20	202,96	B	25	80	120	115	18,19	91,08	21,57	PHS 20B-3BH20
	21	213,03	B	25	92	140	115	18,19	91,08	23,36	PHS 20B-3BH21
	22	223,10	B	25	92	140	115	18,19	91,08	25,65	PHS 20B-3BH22
	23	233,17	B	25	92	140	115	18,19	91,08	27,90	PHS 20B-3BH23
	24	243,25	B	25	95	140	115	18,19	91,08	27,19	PHS 20B-3BH24
	25	253,32	B	25	95	140	115	18,19	91,08	27,90	PHS 20B-3BH25
	26	263,41	B	25	95	150	115	18,19	91,08	31,90	PHS 20B-3B26
	27	273,49	B	25	95	150	115	18,19	91,08	35,90	PHS 20B-3B27
	28	283,57	B	25	95	150	115	18,19	91,08	39,90	PHS 20B-3B28
	30	303,75	B	25	95	150	115	18,19	91,08	47,90	PHS 20B-3B30
	32	323,92	B	30	95	150	115	18,19	91,08	51,57	PHS 20B-3B32
	35	354,20	C	30	97	150	115	18,19	91,08	57,29	PHS 20B-3C35
	36	364,29	C	30	97	150	115	18,19	91,08	59,35	PHS 20B-3C36
	38	384,48	C	30	97	150	115	18,19	91,08	62,56	PHS 20B-3C38
	42	424,86	C	30	97	160	110	18,19	91,08	70,12	PHS 20B-3C42
	45	455,15	C	30	97	160	110	18,19	91,08	75,84	PHS 20B-3C45
	57	576,35	C	30	102	180	123	18,19	91,08	100,11	PHS 20B-3C57
	60	606,66	C	30	102	180	123	18,19	91,08	104,86	PHS 20B-3C60
	68	687,48	C	30	102	200	123	18,19	91,08	117,54	PHS 20B-3C68
	76	768,30	C	30	102	200	123	18,19	91,08	130,21	PHS 20B-3C76
	80	808,71	C	30	102	200	123	18,19	91,08	136,55	PHS 20B-3C80
	95	960,28	C	30	102	200	123	18,19	91,08	160,31	PHS 20B-3C95
	114	1 152,27	C	30	102	200	126	18,19	91,08	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.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, taper bushed

ISO 12B-3 · 19,05 mm pitch | ISO 16B-3 · 25,40 mm pitch

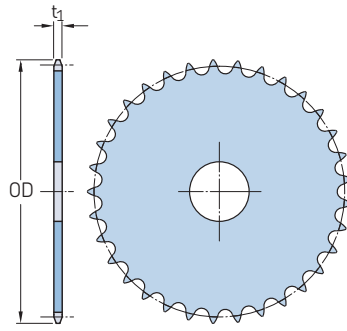


Pitch	Number of teeth	Pitch diameter	Type	Bushing number	Dimensions Bore				Plate thickness		Mass	Designation	
					Min.	Max.	L	H	t ₁	t ₂			
		mm	—	mm					—	—	mm	—	kg
19,05	17	103,67	A	2012	14	50	—	—	10,87	49,78	1,28	PHS 12B-3TBH17	
	19	115,75	A	2517	16	65	—	—	10,87	49,78	2,02	PHS 12B-3TBH19	
	21	127,82	A	2517	16	65	—	—	10,87	49,78	2,09	PHS 12B-3TBH21	
	23	139,90	A	2517	16	65	—	—	10,87	49,78	3,00	PHS 12B-3TBH23	
	25	152,00	A	3020	25	75	—	—	10,87	49,78	3,97	PHS 12B-3TBH25	
	27	164,09	B	3020	25	75	140	51,0	10,87	49,78	3,83	PHS 12B-3TB27	
	30	182,25	B	3020	25	75	140	51,0	10,87	49,78	5,72	PHS 12B-3TB30	
	38	230,69	B	3020	25	75	140	51,0	10,87	49,78	7,76	PHS 12B-3TB38	
	45	273,10	C	3020	25	75	140	51,0	10,87	49,78	10,04	PHS 12B-3TB45	
	57	345,81	C	3020	25	75	140	51,0	10,87	49,78	14,42	PHS 12B-3TB57	
	76	460,99	C	3020	25	75	140	51,0	10,87	49,78	25,50	PHS 12B-3TB76	
	95	576,17	C	3030	25	75	140	76,0	10,87	49,78	36,58	PHS 12B-3TB95	
	114	691,36	C	3030	25	75	140	76,0	10,87	49,78	47,66	PHS 12B-3TB114	
	25,40	17	138,22	A	2517	16	65	—	—	15,82	79,58	4,20	PHS 16B-3TBH17
		19	154,33	B	3020	35	75	—	76,2	15,82	79,58	4,30	PHS 16B-3TBH19
		21	170,43	B	3020	35	75	—	76,2	15,82	79,58	6,60	PHS 16B-3TBH21
23		186,53	B	3525	35	100	—	65,0	15,82	79,58	7,00	PHS 16B-3TBH23	
25		202,66	B	3525	35	100	—	65,0	15,82	79,58	9,80	PHS 16B-3TBH25	
27		218,79	B	3525	35	100	—	65,0	15,82	79,58	12,80	PHS 16B-3TB27	
30		243,00	B	3525	35	100	—	65,0	15,82	79,58	18,00	PHS 16B-3TB30	
38		307,59	B	3535	35	100	178	89,0	15,82	79,58	21,50	PHS 16B-3TB38	
45		364,13	C	4040	40	115	216	102,0	15,82	79,58	33,50	PHS 16B-3TB45	
57		461,07	C	4040	40	115	216	102,0	15,82	79,58	39,50	PHS 16B-3TB57	
76		614,65	C	4040	40	115	216	102,0	15,82	79,58	59,50	PHS 16B-3TB76	

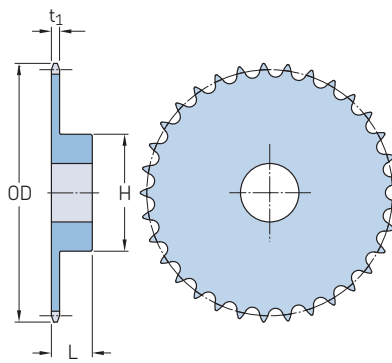
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 12B-3TBH17.

ANSI sprockets, simplex, pilot bore

ANSI 25-1 · 6,35 mm (1/4") pitch



Type A



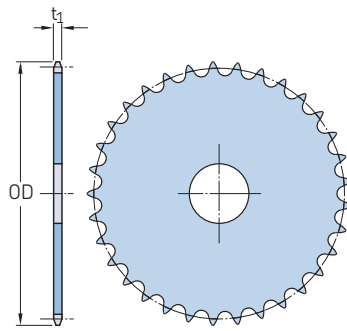
Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock	Bore Min. Max.					
mm	in.	–	mm	–	mm					kg	–
6,35	1/4	9	21,34	B	–	6,35 6,35	11,11	12,70	2,790	0,01	PHS 25-1B9
		10	23,37	B	–	6,35 6,35	12,70	12,70	2,790	0,01	PHS 25-1B10
		11	25,40	B	–	6,35 7,94	14,29	12,70	2,790	0,02	PHS 25-1B11
		12	27,43	B	–	6,35 9,53	15,88	12,70	2,790	0,03	PHS 25-1B12
		13	29,72	B	–	6,35 11,11	18,26	12,70	2,790	0,03	PHS 25-1B13
		14	31,75	B	–	6,35 14,29	20,64	12,70	2,790	0,04	PHS 25-1B14
		15	33,78	B	–	6,35 14,29	22,62	12,70	2,790	0,05	PHS 25-1B15
		16	35,81	B	–	6,35 14,29	24,61	12,70	2,790	0,05	PHS 25-1B16
		17	37,85	B	–	6,35 15,88	26,19	12,70	2,790	0,06	PHS 25-1B17
		18	39,88	A	6,35	–	–	–	2,790	0,02	PHS 25-1A18
			39,88	B	–	6,35 19,05	28,58	12,70	2,790	0,07	PHS 25-1B18
		19	41,91	A	6,35	–	–	–	2,790	0,02	PHS 25-1A19
			41,91	B	–	6,35 20,64	30,96	12,70	2,790	0,09	PHS 25-1B19
		20	43,94	A	6,35	–	–	–	2,790	0,02	PHS 25-1A20
			43,94	B	–	6,35 22,23	32,54	15,88	2,790	0,11	PHS 25-1B20
		21	45,97	A	9,53	–	–	–	2,790	0,02	PHS 25-1A21
			45,97	B	–	6,35 22,23	34,93	15,88	2,790	0,13	PHS 25-1B21
		22	48,01	A	9,53	–	–	–	2,790	0,03	PHS 25-1A22
			48,01	B	–	6,35 23,81	36,51	15,88	2,790	0,14	PHS 25-1B22
		23	50,04	A	9,53	–	–	–	2,790	0,03	PHS 25-1A23
			50,04	B	–	6,35 25,40	38,10	15,88	2,790	0,15	PHS 25-1B23
		24	52,07	A	9,53	–	–	–	2,790	0,04	PHS 25-1A24
			52,07	B	–	9,53 25,40	38,10	15,88	2,790	0,15	PHS 25-1B24
		25	54,10	A	9,53	–	–	–	2,790	0,04	PHS 25-1A25
			54,10	B	–	9,53 25,40	38,10	15,88	2,790	0,15	PHS 25-1B25
		26	56,13	A	9,53	–	–	–	2,790	0,04	PHS 25-1A26
			56,13	B	–	9,53 25,40	38,10	15,88	2,790	0,16	PHS 25-1B26
		28	60,20	A	9,53	–	–	–	2,790	0,05	PHS 25-1A28
			60,20	B	–	9,53 25,40	38,10	15,88	2,790	0,16	PHS 25-1B28
		30	64,26	A	9,53	–	–	–	2,790	0,05	PHS 25-1A30
			64,26	B	–	9,53 25,40	38,10	15,88	2,790	0,17	PHS 25-1B30
		32	68,33	A	9,53	–	–	–	2,790	0,06	PHS 25-1A32
			68,33	B	–	9,53 25,40	38,10	15,88	2,790	0,18	PHS 25-1B32
		35	74,42	A	9,53	–	–	–	2,790	0,07	PHS 25-1A35
		36	76,45	A	9,53	–	–	–	2,790	0,08	PHS 25-1A36
			76,45	B	–	9,53 25,40	38,10	19,05	2,790	0,23	PHS 25-1B36
		40	84,58	A	12,70	–	–	–	2,790	0,09	PHS 25-1A40
			84,58	B	–	12,70 34,93	50,80	19,05	2,790	0,24	PHS 25-1B40
		42	88,65	A	12,70	–	–	–	2,790	0,11	PHS 25-1A42

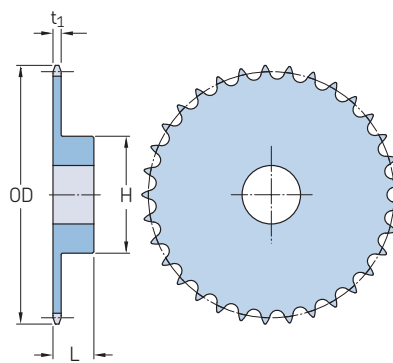
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

ANSI 25-1 · 6,35 mm (1/4") pitch | ANSI 35-1 · 9,53 mm (3/8") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter	Type	Dimensions		Bore	Hub		Plate thickness	Mass	Designation		
					Bore stock	Min.		Max.	H				L	t ₁
mm	in.	—	mm	—	mm									
6,35	1/4	45	94,74	A	12,70	—	—	—	—	2,790	0,11	PHS 25-1A45		
			94,74	B	—	12,70	34,93	50,80	19,05	2,790	0,25	PHS 25-1B45		
		48	100,58	A	12,70	—	—	—	—	2,790	0,15	PHS 25-1A48		
			100,58	B	—	12,70	34,93	50,80	19,05	2,790	0,25	PHS 25-1B48		
		54	112,78	A	12,70	—	—	—	—	2,790	0,17	PHS 25-1A54		
			112,78	B	—	12,70	34,93	50,80	19,05	2,790	0,45	PHS 25-1B54		
9,53	3/8	8	28,70	B	—	9,53	9,53	19,05	19,05	4,270	0,03	PHS 35-1BH8		
			32,00	B	—	9,53	9,53	21,43	19,05	4,270	0,04	PHS 35-1BH9		
		10	35,05	B	—	9,53	14,29	24,61	19,05	4,270	0,06	PHS 35-1BH10		
			38,10	B	—	9,53	14,29	26,99	19,05	4,270	0,08	PHS 35-1BH11		
		12	41,40	B	—	12,70	14,29	30,96	19,05	4,270	0,09	PHS 35-1BH12		
			44,45	B	—	12,70	17,46	31,75	19,05	4,270	0,10	PHS 35-1BH13		
		14	47,50	B	—	12,70	22,23	31,75	19,05	4,270	0,11	PHS 35-1BH14		
			50,55	A	12,70	—	—	—	—	4,270	0,05	PHS 35-1A15		
		50,55	B	—	12,70	22,23	34,13	19,05	4,270	0,13	PHS 35-1BH15			
		16	53,59	A	12,70	—	—	—	—	4,270	0,05	PHS 35-1A16		
			53,59	B	—	12,70	23,81	37,31	19,05	4,270	0,16	PHS 35-1BH16		
		17	56,64	A	12,70	—	—	—	—	4,270	0,05	PHS 35-1A17		
			56,64	B	—	12,70	26,99	40,48	19,05	4,270	0,19	PHS 35-1BH17		
		18	59,69	A	12,70	—	—	—	—	4,270	0,06	PHS 35-1A18		
			59,69	B	—	12,70	30,16	43,66	19,05	4,270	0,22	PHS 35-1BH18		
		19	62,74	A	12,70	—	—	—	—	4,270	0,07	PHS 35-1A19		
			62,74	B	—	12,70	31,75	46,83	19,05	4,270	0,24	PHS 35-1BH19		
		20	65,79	A	12,70	—	—	—	—	4,270	0,09	PHS 35-1A20		
			65,79	B	—	12,70	33,34	49,21	19,05	4,270	0,27	PHS 35-1BH20		
		21	68,83	A	12,70	—	—	—	—	4,270	0,09	PHS 35-1A21		
			68,83	B	—	12,70	34,93	50,80	22,23	4,270	0,36	PHS 35-1BH21		
		22	71,88	A	12,70	—	—	—	—	4,270	0,10	PHS 35-1A22		
			71,88	B	—	12,70	34,93	50,80	22,23	4,270	0,36	PHS 35-1BH22		
		23	74,93	A	12,70	—	—	—	—	4,270	0,11	PHS 35-1A23		
			74,93	B	—	12,70	34,93	50,80	22,23	4,270	0,37	PHS 35-1BH23		
		24	77,98	A	12,70	—	—	—	—	4,270	0,12	PHS 35-1A24		
			77,98	B	—	12,70	34,93	50,80	22,23	4,270	0,40	PHS 35-1BH24		
		25	81,03	A	12,70	—	—	—	—	4,270	0,13	PHS 35-1A25		
			81,03	B	—	12,70	34,93	50,80	22,23	4,270	0,40	PHS 35-1BH25		

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ANSI sprockets, simplex, pilot bore

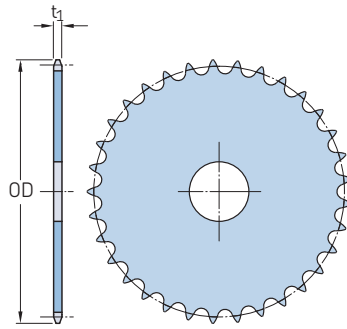
ANSI 35-1 · 9,53 mm (3/8") pitch | ANSI 41-1 · 12,70 mm (1/2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock	Bore Min. Max.					
mm	in.	–	mm	–	mm					kg	–
9,53	3/8	26	84,07	A	12,70	–	–	–	–	0,13	PHS 35-1A26
			84,07	B	–	12,70	34,93	50,80	22,23	0,41	PHS 35-1B26
		27	87,12	A	12,70	–	–	–	–	0,15	PHS 35-1A27
			87,12	B	–	12,70	34,93	50,80	22,23	0,43	PHS 35-1B27
		28	90,17	A	12,70	–	–	–	–	0,15	PHS 35-1A28
			90,17	B	–	12,70	34,93	50,80	22,23	0,43	PHS 35-1B28
		30	96,27	A	12,70	–	–	–	–	0,21	PHS 35-1A30
			96,27	B	–	12,70	34,93	50,80	22,23	0,46	PHS 35-1B30
		32	102,36	A	15,88	–	–	–	–	0,21	PHS 35-1A32
			102,36	B	–	12,70	34,93	50,80	22,23	0,56	PHS 35-1B32
		35	111,51	A	15,88	–	–	–	–	0,27	PHS 35-1A35
			111,51	B	–	15,88	38,10	57,15	22,23	0,68	PHS 35-1B35
		36	114,55	A	15,88	–	–	–	–	0,28	PHS 35-1A36
			114,55	B	–	15,88	38,10	57,15	22,23	0,71	PHS 35-1B36
		40	126,75	A	15,08	–	–	–	–	0,32	PHS 35-1A40
			126,75	B	–	15,88	38,10	57,15	25,40	0,73	PHS 35-1B40
		42	132,84	A	15,08	–	–	–	–	0,35	PHS 35-1A42
			132,84	B	–	15,88	38,10	57,15	25,40	0,76	PHS 35-1B42
		45	141,99	A	15,08	–	–	–	–	0,40	PHS 35-1A45
			141,99	B	–	15,88	38,10	57,15	25,40	0,81	PHS 35-1B45
		48	151,13	A	15,08	–	–	–	–	0,55	PHS 35-1A48
			151,13	B	–	15,88	38,10	57,15	25,40	0,85	PHS 35-1B48
		54	169,16	A	15,08	–	–	–	–	0,60	PHS 35-1A54
			169,16	B	–	15,88	38,10	57,15	25,40	1,00	PHS 35-1B54
		60	187,45	A	18,26	–	–	–	–	0,75	PHS 35-1A60
			187,45	B	–	19,05	38,10	57,15	25,40	1,12	PHS 35-1B60
		70	217,93	A	18,26	–	–	–	–	1,04	PHS 35-1A70
			217,93	B	–	19,05	38,10	57,15	25,40	1,42	PHS 35-1B70
		72	223,77	A	18,26	–	–	–	–	1,16	PHS 35-1A72
			223,77	B	–	19,05	38,10	57,15	25,40	1,55	PHS 35-1B72
		80	248,16	A	18,26	–	–	–	–	1,43	PHS 35-1A80
			248,16	B	–	19,05	38,10	57,15	25,40	1,73	PHS 35-1B80
		84	260,35	A	18,26	–	–	–	–	1,48	PHS 35-1A84
			260,35	B	–	19,05	38,10	57,15	25,40	1,92	PHS 35-1B84
		96	296,67	A	18,26	–	–	–	–	2,10	PHS 35-1A96
			296,67	B	–	19,05	38,10	57,15	25,40	2,34	PHS 35-1B96
		112	345,19	A	18,26	–	–	–	–	2,29	PHS 35-1A112
			345,19	B	–	19,05	38,10	57,15	25,40	3,04	PHS 35-1B112
12,70	1/2	6	29,72	B	–	9,53	9,53	16,67	22,23	0,03	PHS 41-1BH6
		7	34,04	B	–	9,53	9,53	19,05	22,23	0,05	PHS 41-1BH7
		8	38,35	B	–	12,70	12,70	25,00	22,23	0,09	PHS 41-1BH8
		9	42,42	B	–	12,70	15,88	28,58	22,23	0,09	PHS 41-1BH9
		10	46,74	B	–	12,70	19,05	31,75	22,23	0,12	PHS 41-1BH10
		11	50,80	B	–	12,70	22,23	36,51	22,23	0,16	PHS 41-1BH11
		12	55,12	B	–	12,70	23,81	39,69	22,23	0,20	PHS 41-1BH12
		13	59,18	B	–	12,70	25,40	39,69	22,23	0,23	PHS 41-1BH13
		14	63,25	B	–	12,70	31,75	44,45	22,23	0,26	PHS 41-1BH14
		15	67,31	A	15,88	–	–	–	–	0,13	PHS 41-1A15
			67,31	B	–	12,70	33,34	55,56	22,23	0,33	PHS 41-1B15
		16	71,37	A	15,88	–	–	–	–	0,15	PHS 41-1A16
			71,37	B	–	15,88	34,93	52,39	22,23	0,41	PHS 41-1B16
		17	75,44	A	15,88	–	–	–	–	0,16	PHS 41-1A17
			75,44	B	–	15,88	38,10	56,75	25,40	0,49	PHS 41-1B17
		18	79,76	A	15,88	–	–	–	–	0,20	PHS 41-1A18
			79,76	B	–	15,88	41,28	60,33	25,40	0,57	PHS 41-1B18
		19	83,82	A	15,88	–	–	–	–	0,21	PHS 41-1A19

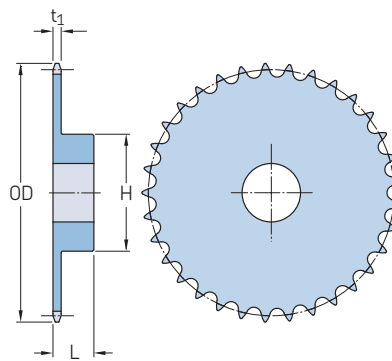
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ANSI sprockets, simplex, pilot bore

ANSI 41-1 · 12,70 mm (1/2") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter	Type	Dimensions	Bore		Hub		Plate thickness	Mass	Designation
	OD		Bore stock				H	L	t ₁			
							Min.	Max.				
mm	in.	—	mm	—	mm						kg	—
12,70	1/2	19	83,82	B	—	15,88	44,45	62,71	25,40	5,770	0,68	PHS 41-1BH19
		20	87,88	A	15,88	—	—	—	—	5,770	0,24	PHS 41-1A20
			87,88	B	—	15,88	47,63	69,85	25,40	5,770	0,74	PHS 41-1BH20
		21	91,95	A	15,88	—	—	—	—	5,770	0,27	PHS 41-1A21
			91,95	B	—	15,88	47,63	73,03	25,40	5,770	0,82	PHS 41-1BH21
		22	96,01	A	15,88	—	—	—	—	5,770	0,30	PHS 41-1A22
			96,01	B	—	15,88	50,80	76,20	25,40	5,770	0,88	PHS 41-1BH22
		23	100,08	A	15,88	—	—	—	—	5,770	0,33	PHS 41-1A23
			100,08	B	—	15,88	57,15	80,96	25,40	5,770	1,02	PHS 41-1BH23
		24	104,14	A	15,88	—	—	—	—	5,770	0,37	PHS 41-1A24
			104,14	B	—	15,88	57,15	82,55	25,40	5,770	1,06	PHS 41-1BH24
		25	108,20	A	15,88	—	—	—	—	5,770	0,40	PHS 41-1A25
			108,20	B	—	15,88	57,15	82,55	25,40	5,770	1,12	PHS 41-1BH25
		26	112,27	A	15,88	—	—	—	—	5,770	0,43	PHS 41-1A26
			112,27	B	—	15,88	57,15	82,55	25,40	5,770	1,13	PHS 41-1BH26
		27	116,33	A	15,88	—	—	—	—	5,770	0,45	PHS 41-1A27
			116,33	B	—	15,88	57,15	82,55	25,40	5,770	1,16	PHS 41-1BH27
		28	120,40	A	15,88	—	—	—	—	5,770	0,49	PHS 41-1A28
			120,40	B	—	15,88	57,15	82,55	25,40	5,770	1,20	PHS 41-1BH28
		30	128,52	A	15,08	—	—	—	—	5,770	0,54	PHS 41-1A30
			128,52	B	—	15,88	57,15	82,55	25,40	5,770	1,27	PHS 41-1BH30
		32	136,65	A	15,08	—	—	—	—	5,770	0,65	PHS 41-1A32
			136,65	B	—	15,88	57,15	82,55	25,40	5,770	1,34	PHS 41-1BH32
		35	148,84	A	15,08	—	—	—	—	5,770	0,77	PHS 41-1A35
			148,84	B	—	15,88	60,33	82,55	25,40	5,770	1,42	PHS 41-1BH35
		36	152,91	A	15,08	—	—	—	—	5,770	0,83	PHS 41-1A36
			152,91	B	—	15,88	60,33	82,55	25,40	5,770	1,51	PHS 41-1BH36
		40	168,91	A	18,26	—	—	—	—	5,770	1,01	PHS 41-1A40
			168,91	B	—	19,05	60,33	82,55	26,99	5,770	1,84	PHS 41-1BH40
		42	177,04	A	18,26	—	—	—	—	5,770	1,13	PHS 41-1A42
			177,04	B	—	19,05	60,33	88,90	26,99	5,770	1,86	PHS 41-1BH42
		45	189,23	A	18,26	—	—	—	—	5,770	1,14	PHS 41-1A45
189,23	B		—	19,05	60,33	88,90	26,99	5,770	1,90	PHS 41-1BH45		
48	201,42	A	18,26	—	—	—	—	5,770	1,32	PHS 41-1A48		
	201,42	B	—	19,05	60,33	88,90	26,99	5,770	2,23	PHS 41-1BH48		
54	225,55	A	18,26	—	—	—	—	5,770	1,61	PHS 41-1A54		
	225,55	B	—	19,05	60,33	88,90	26,99	5,770	2,58	PHS 41-1BH54		
60	249,94	A	18,26	—	—	—	—	5,770	2,09	PHS 41-1A60		
	249,94	B	—	19,05	60,33	88,90	26,99	5,770	3,08	PHS 41-1BH60		
70	290,32	A	18,26	—	—	—	—	5,770	2,82	PHS 41-1A70		
	290,32	B	—	19,05	69,85	101,60	30,16	5,770	4,33	PHS 41-1BH70		
72	298,45	A	18,26	—	—	—	—	5,770	2,87	PHS 41-1A72		
	298,45	B	—	19,05	69,85	101,60	30,16	5,770	4,37	PHS 41-1BH72		

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ANSI sprockets, simplex, pilot bore

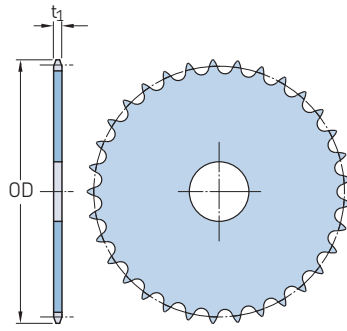
ANSI 41-1 · 12,70 mm (1/2") pitch | ANSI 40-1 · 12,70 mm (1/2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
mm	in.					Min.	Max.	H	L			
12,70	1/2	80	330,96 330,96	A B	18,26 –	– 19,05	– 69,85	– 101,60	– 30,16	5,770 5,770	3,84 5,23	PHS 41-1A80 PHS 41-1B80
		84	346,96 346,96	A B	18,26 –	– 19,05	– 69,85	– 101,60	– 30,16	5,770 5,770	4,14 5,53	PHS 41-1A84 PHS 41-1B84
		96	395,48 395,48	A B	23,81 –	– 25,40	– 69,85	– 101,60	– 30,16	5,770 5,770	5,37 6,74	PHS 41-1A96 PHS 41-1B96
		112	460,25 460,25	A B	23,81 –	– 25,40	– 69,85	– 101,60	– 30,16	5,770 5,770	7,18 8,69	PHS 41-1A112 PHS 41-1B112
		8	38,10	B	–	12,70	12,70	24,61	22,23	7,210	0,08	PHS 40-1BH8
		9	42,42	B	–	12,70	14,29	26,99	22,23	7,210	0,09	PHS 40-1BH9
		10	46,74	B	–	12,70	19,05	31,75	22,23	7,210	0,12	PHS 40-1BH10
		11	50,80	B	–	12,70	22,23	34,93	22,23	7,210	0,16	PHS 40-1BH11
		12	55,12 55,12	A B	12,70 –	– 12,70	– 25,40	– 39,69	– 22,23	7,210 7,210	0,08 0,20	PHS 40-1A12 PHS 40-1BH12
		13	59,18 59,18	A B	12,70 –	– 12,70	– 26,99	– 39,69	– 22,23	7,210 7,210	0,10 0,23	PHS 40-1A13 PHS 40-1BH13
		14	63,25 63,25	A B	12,70 –	– 12,70	– 28,58	– 42,86	– 22,23	7,210 7,210	0,12 0,27	PHS 40-1A14 PHS 40-1BH14
		15	67,31 67,31	A B	15,88 –	– 12,70	– 31,75	– 46,04	– 22,23	7,210 7,210	0,14 0,32	PHS 40-1A15 PHS 40-1BH15
		16	71,37 71,37	A B	15,88 –	– 15,88	– 34,93	– 50,80	– 22,23	7,210 7,210	0,15 0,36	PHS 40-1A16 PHS 40-1BH16
		17	75,69 75,69	A B	15,88 –	– 15,88	– 36,51	– 53,98	– 25,40	7,210 7,210	0,16 0,47	PHS 40-1A17 PHS 40-1BH17
		18	79,76 79,76	A B	15,88 –	– 15,88	– 38,10	– 58,74	– 25,40	7,210 7,210	0,20 0,55	PHS 40-1A18 PHS 40-1BH18
		19	83,82 83,82	A B	15,88 –	– 15,88	– 44,45	– 63,50	– 25,40	7,210 7,210	0,21 0,65	PHS 40-1A19 PHS 40-1BH19
		20	87,88 87,88	A B	15,88 –	– 15,88	– 47,63	– 66,68	– 25,40	7,210 7,210	0,25 0,71	PHS 40-1A20 PHS 40-1BH20
		21	91,95 91,95	A B	15,88 –	– 15,88	– 47,63	– 69,85	– 25,40	7,210 7,210	0,26 0,78	PHS 40-1A21 PHS 40-1BH21
		22	96,01 96,01	A B	15,88 –	– 15,88	– 47,63	– 73,03	– 25,40	7,210 7,210	0,30 0,89	PHS 40-1A22 PHS 40-1BH22
		23	100,08 100,08	A B	15,88 –	– 15,88	– 50,80	– 76,20	– 25,40	7,210 7,210	0,33 0,97	PHS 40-1A23 PHS 40-1BH23
		24	104,14 104,14	A B	15,88 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,37 1,09	PHS 40-1A24 PHS 40-1BH24
		25	108,20 108,20	A B	15,88 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,40 1,15	PHS 40-1A25 PHS 40-1BH25
		26	112,27 112,27	A B	15,88 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,43 1,17	PHS 40-1A26 PHS 40-1BH26
		27	116,33 116,33	A B	15,88 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,44 1,21	PHS 40-1A27 PHS 40-1BH27
		28	120,40 120,40	A B	15,88 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,50 1,24	PHS 40-1A28 PHS 40-1BH28
		29	124,46 124,46	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,55 1,27	PHS 40-1A29 PHS 40-1BH29
		30	128,52 128,52	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,57 1,35	PHS 40-1A30 PHS 40-1B30
		31	132,59 132,59	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,64 1,41	PHS 40-1A31 PHS 40-1B31
		32	136,65 136,65	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,67 1,43	PHS 40-1A32 PHS 40-1B32
		33	140,72 140,72	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,71 1,46	PHS 40-1A33 PHS 40-1B33
		34	144,78 144,78	A B	15,08 –	– 15,88	– 57,15	– 82,55	– 25,40	7,210 7,210	0,74 1,50	PHS 40-1A34 PHS 40-1B34

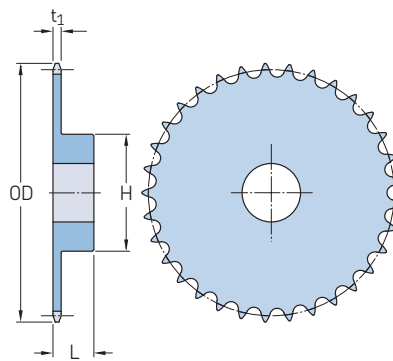
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

ANSI 40-1 · 12,70 mm (1/2") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
Bore stock	Bore				Min.	Max.					
mm	in.	–	mm	–	mm					kg	–
12,70	1/2	35	148,84	A	15,08	–	–	–	7,210	0,77	PHS 40-1A35
			148,84	B	–	15,88	57,15	82,55	7,210	1,57	PHS 40-1B35
		36	152,91	A	15,08	–	–	–	7,210	0,83	PHS 40-1A36
			152,91	B	–	15,88	57,15	82,55	7,210	1,62	PHS 40-1B36
		37	156,97	A	15,08	–	–	–	7,210	0,87	PHS 40-1A37
			156,97	B	–	15,88	57,15	82,55	7,210	1,64	PHS 40-1B37
		38	160,78	A	15,08	–	–	–	7,210	0,91	PHS 40-1A38
			160,78	B	–	15,88	57,15	82,55	7,210	1,68	PHS 40-1B38
		39	164,85	A	15,08	–	–	–	7,210	0,92	PHS 40-1A39
			164,85	B	–	15,88	57,15	82,55	7,210	1,71	PHS 40-1B39
		40	168,91	A	18,26	–	–	–	7,210	1,01	PHS 40-1A40
			168,91	B	–	19,05	60,33	88,90	7,210	2,13	PHS 40-1B40
		41	172,97	A	18,26	–	–	–	7,210	1,10	PHS 40-1A41
			172,97	B	–	19,05	60,33	88,90	7,210	2,16	PHS 40-1B41
		42	177,04	A	18,26	–	–	–	7,210	1,13	PHS 40-1A42
			177,04	B	–	19,05	60,33	88,90	7,210	2,19	PHS 40-1B42
		43	181,10	A	18,26	–	–	–	7,210	1,27	PHS 40-1A43
			181,10	B	–	19,05	60,33	88,90	7,210	2,32	PHS 40-1B43
		44	185,17	A	18,26	–	–	–	7,210	1,29	PHS 40-1A44
			185,17	B	–	19,05	60,33	88,90	7,210	2,34	PHS 40-1B44
		45	189,23	A	18,26	–	–	–	7,210	1,43	PHS 40-1A45
			189,23	B	–	19,05	60,33	88,90	7,210	2,40	PHS 40-1B45
		46	193,29	A	18,26	–	–	–	7,210	1,48	PHS 40-1A46
			193,29	B	–	19,05	60,33	88,90	7,210	2,53	PHS 40-1B46
		47	197,36	A	18,26	–	–	–	7,210	1,51	PHS 40-1A47
			197,36	B	–	19,05	60,33	88,90	7,210	2,47	PHS 40-1B47
		48	201,42	A	18,26	–	–	–	7,210	1,46	PHS 40-1A48
			201,42	B	–	19,05	60,33	88,90	7,210	2,65	PHS 40-1B48
		49	205,49	A	18,26	–	–	–	7,210	1,56	PHS 40-1A49
			205,49	B	–	19,05	60,33	88,90	7,210	2,68	PHS 40-1B49
		50	209,55	A	18,26	–	–	–	7,210	1,64	PHS 40-1A50
			209,55	B	–	19,05	60,33	88,90	7,210	2,70	PHS 40-1B50
		51	213,61	A	18,26	–	–	–	7,210	1,79	PHS 40-1A51
			213,61	B	–	19,05	60,33	88,90	7,210	2,76	PHS 40-1B51
		52	217,68	A	18,26	–	–	–	7,210	1,85	PHS 40-1A52
			217,68	B	–	19,05	60,33	88,90	7,210	2,85	PHS 40-1B52
		53	221,74	A	18,26	–	–	–	7,210	1,83	PHS 40-1A53
			221,74	B	–	19,05	60,33	88,90	7,210	2,87	PHS 40-1B53
		54	225,81	A	18,26	–	–	–	7,210	2,01	PHS 40-1A54
			225,81	B	–	19,05	60,33	88,90	7,210	2,91	PHS 40-1B54
		55	229,62	A	18,26	–	–	–	7,210	2,06	PHS 40-1A55
			229,62	B	–	19,05	60,33	88,90	7,210	2,93	PHS 40-1B55
		56	233,68	A	18,26	–	–	–	7,210	2,20	PHS 40-1A56

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ANSI sprockets, simplex, pilot bore

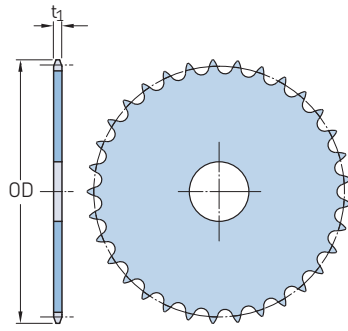
ANSI 40-1 · 12,70 mm (1/2") pitch | ANSI 50-1 · 15,88 mm (5/8") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
						Min.	Max.	H	L			
mm	in.	–	mm	–	mm						kg	–
12,70	1/2	56	233,68	B	–	19,05	60,33	88,90	28,58	7,210	3,13	PHS 40-1B56
		57	237,74	A	18,26	–	–	–	–	7,210	2,27	PHS 40-1A57
			237,74	B	–	19,05	60,33	88,90	28,58	7,210	3,18	PHS 40-1B57
		58	241,81	A	18,26	–	–	–	–	7,210	2,32	PHS 40-1A58
			241,81	B	–	19,05	60,33	88,90	28,58	7,210	3,34	PHS 40-1B58
		59	245,87	A	18,26	–	–	–	–	7,210	2,40	PHS 40-1A59
			245,87	B	–	19,05	60,33	88,90	28,58	7,210	3,38	PHS 40-1B59
		60	249,94	A	18,26	–	–	–	–	7,210	2,49	PHS 40-1A60
			249,94	B	–	19,05	60,33	88,90	28,58	7,210	3,57	PHS 40-1B60
		70	290,32	A	18,26	–	–	–	–	7,210	3,28	PHS 40-1A70
			290,32	B	–	19,05	69,85	101,60	31,75	7,210	4,99	PHS 40-1B70
		72	298,45	A	18,26	–	–	–	–	7,210	3,51	PHS 40-1A72
			298,45	B	–	19,05	69,85	101,60	31,75	7,210	5,22	PHS 40-1B72
		80	330,96	A	18,26	–	–	–	–	7,210	4,63	PHS 40-1A80
			330,96	B	–	19,05	69,85	101,60	31,75	7,210	6,08	PHS 40-1B80
15,88	5/8	84	346,96	A	18,26	–	–	–	–	7,210	4,57	PHS 40-1A84
			346,96	B	–	19,05	69,85	101,60	31,75	7,210	6,37	PHS 40-1B84
		96	395,48	A	23,81	–	–	–	–	7,210	5,51	PHS 40-1A96
			395,48	B	–	25,40	69,85	101,60	31,75	7,210	7,97	PHS 40-1B96
		112	460,25	A	23,81	–	–	–	–	7,210	9,07	PHS 40-1A112
			460,25	B	–	25,40	69,85	101,60	31,75	7,210	10,23	PHS 40-1B112
		8	47,75	B	–	15,88	15,88	28,58	25,40	8,710	0,11	PHS 50-1BH8
		9	53,09	B	–	15,88	19,05	34,93	25,40	8,710	0,16	PHS 50-1BH9
		10	58,42	B	–	15,88	22,23	39,69	25,40	8,710	0,22	PHS 50-1BH10
		11	63,50	B	–	15,88	25,40	44,45	25,40	8,710	0,29	PHS 50-1BH11
		12	68,83	A	15,88	–	–	–	–	8,710	0,15	PHS 50-1A12
			68,83	B	–	15,88	31,75	50,40	25,40	8,710	0,38	PHS 50-1BH12
		13	73,91	A	15,88	–	–	–	–	8,710	0,19	PHS 50-1A13
			73,91	B	–	15,88	33,34	47,63	25,40	8,710	0,40	PHS 50-1BH13
		14	78,99	A	15,88	–	–	–	–	8,710	0,23	PHS 50-1A14
			78,99	B	–	15,88	36,51	53,98	25,40	8,710	0,51	PHS 50-1BH14
		15	84,33	A	15,88	–	–	–	–	8,710	0,24	PHS 50-1A15
			84,33	B	–	15,88	38,10	60,33	25,40	8,710	0,61	PHS 50-1BH15
		16	89,41	A	15,88	–	–	–	–	8,710	0,31	PHS 50-1A16
			89,41	B	–	15,88	44,45	63,50	25,40	8,710	0,68	PHS 50-1BH16
		17	94,49	A	15,88	–	–	–	–	8,710	0,34	PHS 50-1A17
			94,49	B	–	15,88	47,63	68,26	25,40	8,710	0,79	PHS 50-1BH17
		18	99,57	A	15,88	–	–	–	–	8,710	0,39	PHS 50-1A18
			99,57	B	–	15,88	47,63	73,03	25,40	8,710	0,91	PHS 50-1BH18
		19	104,65	A	15,88	–	–	–	–	8,710	0,43	PHS 50-1A19
			104,65	B	–	15,88	50,80	76,20	25,40	8,710	1,01	PHS 50-1BH19
		20	109,73	A	19,05	–	–	–	–	8,710	0,48	PHS 50-1A20
			109,73	B	–	19,05	50,80	76,20	25,40	8,710	1,03	PHS 50-1BH20
		21	114,81	A	19,05	–	–	–	–	8,710	0,51	PHS 50-1A21
			114,81	B	–	19,05	50,80	76,20	25,40	8,710	1,09	PHS 50-1BH21
		22	119,89	A	19,05	–	–	–	–	8,710	0,59	PHS 50-1A22
			119,89	B	–	19,05	50,80	76,20	25,40	8,710	1,16	PHS 50-1BH22
		23	124,97	A	19,05	–	–	–	–	8,710	0,65	PHS 50-1A23
			124,97	B	–	19,05	50,80	76,20	25,40	8,710	1,21	PHS 50-1BH23
		24	130,05	A	18,26	–	–	–	–	8,710	0,68	PHS 50-1A24
			130,05	B	–	19,05	50,80	76,20	31,75	8,710	1,50	PHS 50-1BH24
		25	135,13	A	18,26	–	–	–	–	8,710	0,73	PHS 50-1A25
			135,13	B	–	19,05	50,80	76,20	31,75	8,710	1,54	PHS 50-1BH25
		26	140,21	A	18,26	–	–	–	–	8,710	0,78	PHS 50-1A26
			140,21	B	–	19,05	50,80	76,20	31,75	8,710	1,56	PHS 50-1B26
		27	145,29	A	18,26	–	–	–	–	8,710	0,89	PHS 50-1A27
			145,29	B	–	19,05	50,80	76,20	31,75	8,710	1,70	PHS 50-1B27

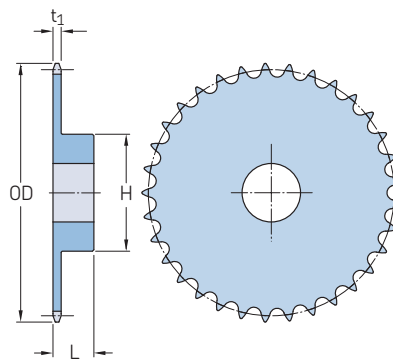
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ANSI sprockets, simplex, pilot bore

ANSI 50-1 · 15,88 mm ($\frac{5}{8}$ ") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
mm	in.				mm	Min.	Max.	H	L					
15,88	$\frac{5}{8}$	28	150,37	A	18,26	—	—	—	—	—	—	8,710	0,93	PHS 50-1A28
			150,37	B	—	19,05	50,80	76,20	31,75	—	—	8,710	1,72	PHS 50-1B28
		29	155,45	A	18,26	—	—	—	—	—	—	8,710	1,07	PHS 50-1A29
			155,45	B	—	19,05	50,80	76,20	31,75	—	—	8,710	1,84	PHS 50-1B29
		30	160,53	A	18,26	—	—	—	—	—	—	8,710	1,15	PHS 50-1A30
			160,53	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,07	PHS 50-1B30
		31	165,61	A	18,26	—	—	—	—	—	—	8,710	1,27	PHS 50-1A31
			165,61	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,15	PHS 50-1B31
		32	170,69	A	18,26	—	—	—	—	—	—	8,710	1,23	PHS 50-1A32
			170,69	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,25	PHS 50-1B32
		33	175,77	A	18,26	—	—	—	—	—	—	8,710	1,42	PHS 50-1A33
			175,77	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,36	PHS 50-1B33
		34	180,85	A	18,26	—	—	—	—	—	—	8,710	1,45	PHS 50-1A34
			180,85	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,33	PHS 50-1B34
		35	185,93	A	18,26	—	—	—	—	—	—	8,710	1,51	PHS 50-1A35
			185,93	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,47	PHS 50-1B35
		36	191,01	A	18,26	—	—	—	—	—	—	8,710	1,73	PHS 50-1A36
			191,01	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,56	PHS 50-1B36
		37	196,09	A	18,26	—	—	—	—	—	—	8,710	1,81	PHS 50-1A37
			196,09	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,68	PHS 50-1B37
		38	201,17	A	18,26	—	—	—	—	—	—	8,710	1,88	PHS 50-1A38
			201,17	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,76	PHS 50-1B38
		39	206,25	A	18,26	—	—	—	—	—	—	8,710	2,00	PHS 50-1A39
			206,25	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,86	PHS 50-1B39
		40	211,33	A	18,26	—	—	—	—	—	—	8,710	2,02	PHS 50-1A40
			211,33	B	—	19,05	57,15	82,55	31,75	—	—	8,710	2,95	PHS 50-1B40
		41	216,41	A	18,26	—	—	—	—	—	—	8,710	2,20	PHS 50-1A41
			216,41	B	—	19,05	57,15	82,55	31,75	—	—	8,710	3,01	PHS 50-1B41
		42	221,49	A	18,26	—	—	—	—	—	—	8,710	2,26	PHS 50-1A42
			221,49	B	—	19,05	57,15	82,55	31,75	—	—	8,710	3,16	PHS 50-1B42
		43	226,31	A	18,26	—	—	—	—	—	—	8,710	2,38	PHS 50-1A43
			226,31	B	—	19,05	57,15	82,55	31,75	—	—	8,710	3,20	PHS 50-1B43
		44	231,39	A	18,26	—	—	—	—	—	—	8,710	2,46	PHS 50-1A44
			231,39	B	—	19,05	57,15	82,55	31,75	—	—	8,710	3,44	PHS 50-1B44
		45	236,47	A	18,26	—	—	—	—	—	—	8,710	2,69	PHS 50-1A45
			236,47	B	—	19,05	63,50	95,25	31,75	—	—	8,710	3,89	PHS 50-1B45
		46	241,55	A	23,81	—	—	—	—	—	—	8,710	2,91	PHS 50-1A46
			241,55	B	—	25,40	63,50	95,25	31,75	—	—	8,710	3,73	PHS 50-1B46
		47	246,63	A	23,81	—	—	—	—	—	—	8,710	2,95	PHS 50-1A47
			246,63	B	—	25,40	63,50	95,25	31,75	—	—	8,710	3,85	PHS 50-1B47
		48	251,71	A	23,81	—	—	—	—	—	—	8,710	2,98	PHS 50-1A48
			251,71	B	—	25,40	63,50	95,25	31,75	—	—	8,710	4,21	PHS 50-1B48
		49	256,79	A	23,81	—	—	—	—	—	—	8,710	3,20	PHS 50-1A49

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ANSI sprockets, simplex, pilot bore

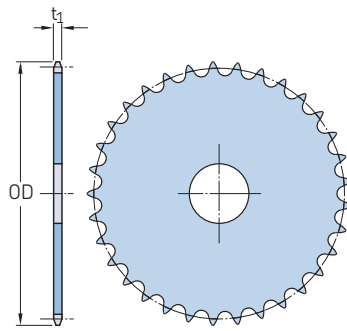
ANSI 50-1 · 15,88 mm (5/8") pitch | ANSI 60-1 · 19,05 mm (3/4") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass kg	Designation
mm	in.					Min.	Max.	H	L			
15,88	5/8	49	256,79	B	—	25,40	63,50	95,25	31,75	8,710	4,18	PHS 50-1B49
		50	261,87	A	23,81	—	—	—	—	8,710	3,22	PHS 50-1A50
			261,87	B	—	25,40	63,50	95,25	31,75	8,710	4,48	PHS 50-1B50
		51	266,95	A	23,81	—	—	—	—	8,710	3,32	PHS 50-1A51
			266,95	B	—	25,40	63,50	95,25	31,75	8,710	4,40	PHS 50-1B51
		52	272,03	A	23,81	—	—	—	—	8,710	3,62	PHS 50-1A52
			272,03	B	—	25,40	63,50	95,25	31,75	8,710	4,64	PHS 50-1B52
		53	277,11	A	23,81	—	—	—	—	8,710	3,67	PHS 50-1A53
			277,11	B	—	25,40	63,50	95,25	31,75	8,710	4,75	PHS 50-1B53
		54	282,19	A	23,81	—	—	—	—	8,710	3,76	PHS 50-1A54
			282,19	B	—	25,40	63,50	95,25	31,75	8,710	4,99	PHS 50-1B54
		55	287,27	A	23,81	—	—	—	—	8,710	3,88	PHS 50-1A55
			287,27	B	—	25,40	63,50	95,25	31,75	8,710	4,96	PHS 50-1B55
		56	292,10	A	23,81	—	—	—	—	8,710	4,04	PHS 50-1A56
			292,10	B	—	25,40	63,50	95,25	31,75	8,710	5,22	PHS 50-1B56
		57	297,18	A	23,81	—	—	—	—	8,710	4,25	PHS 50-1A57
			297,18	B	—	25,40	63,50	95,25	31,75	8,710	5,44	PHS 50-1B57
		58	302,26	A	23,81	—	—	—	—	8,710	4,67	PHS 50-1A58
			302,26	B	—	25,40	63,50	95,25	31,75	8,710	5,36	PHS 50-1B58
		59	307,34	A	23,81	—	—	—	—	8,710	4,76	PHS 50-1A59
			307,34	B	—	25,40	63,50	95,25	31,75	8,710	5,59	PHS 50-1B59
		60	312,42	A	23,81	—	—	—	—	8,710	4,90	PHS 50-1A60
			312,42	B	—	25,40	63,50	95,25	31,75	8,710	5,90	PHS 50-1B60
		70	362,97	A	23,81	—	—	—	—	8,710	6,35	PHS 50-1A70
			362,97	B	—	25,40	63,50	95,25	44,45	8,710	8,24	PHS 50-1B70
		72	373,13	A	23,81	—	—	—	—	8,710	6,91	PHS 50-1A72
			373,13	B	—	25,40	63,50	95,25	44,45	8,710	8,84	PHS 50-1B72
		76	393,45	A	23,81	—	—	—	—	8,710	9,11	PHS 50-1A76
			393,45	B	—	25,40	63,50	95,25	44,45	8,710	9,53	PHS 50-1B76
		80	413,51	A	23,81	—	—	—	—	8,710	9,53	PHS 50-1A80
			413,51	B	—	25,40	69,85	107,95	44,45	8,710	11,22	PHS 50-1B80
		84	433,83	A	23,81	—	—	—	—	8,710	10,02	PHS 50-1A84
			433,83	B	—	25,40	69,85	107,95	44,45	8,710	11,57	PHS 50-1B84
		95	489,46	A	23,81	—	—	—	—	8,710	12,25	PHS 50-1A95
			489,46	B	—	25,40	69,85	107,95	44,45	8,710	14,51	PHS 50-1B95
		96	494,54	A	23,81	—	—	—	—	8,710	12,43	PHS 50-1A96
			494,54	B	—	25,40	69,85	107,95	44,45	8,710	14,93	PHS 50-1B96
		112	575,31	A	23,81	—	—	—	—	8,710	17,10	PHS 50-1A112
			575,31	B	—	25,40	69,85	107,95	44,45	8,710	19,05	PHS 50-1B112
19,05	3/4	8	57,40	B	—	15,88	15,88	37,31	31,75	11,660	0,24	PHS 60-1BH8
		9	63,75	B	—	19,05	22,23	39,69	31,75	11,660	0,29	PHS 60-1BH9
		10	70,10	A	19,05	—	—	—	—	11,660	0,20	PHS 60-1A10
			70,10	B	—	19,05	28,58	49,21	31,75	11,660	0,45	PHS 60-1BH10
		11	76,20	A	19,05	—	—	—	—	11,660	0,24	PHS 60-1A11
			76,20	B	—	19,05	33,34	52,39	31,75	11,660	0,53	PHS 60-1BH11
		12	82,55	A	19,05	—	—	—	—	11,660	0,31	PHS 60-1A12
			82,55	B	—	19,05	34,93	60,33	31,75	11,660	0,67	PHS 60-1BH12
		13	88,65	A	19,05	—	—	—	—	11,660	0,36	PHS 60-1A13
			88,65	B	—	19,05	38,10	59,53	31,75	11,660	0,75	PHS 60-1BH13
		14	95,00	A	19,05	—	—	—	—	11,660	0,43	PHS 60-1A14
			95,00	B	—	19,05	44,45	65,09	31,75	11,660	0,91	PHS 60-1BH14
		15	101,09	A	19,05	—	—	—	—	11,660	0,49	PHS 60-1A15
			101,09	B	—	19,05	47,63	73,03	31,75	11,660	1,14	PHS 60-1BH15
		16	107,19	A	19,05	—	—	—	—	11,660	0,56	PHS 60-1A16
			107,19	B	—	19,05	50,80	77,79	31,75	11,660	1,27	PHS 60-1BH16
		17	113,28	A	19,05	—	—	—	—	11,660	0,65	PHS 60-1A17
			113,28	B	—	19,05	57,15	82,55	31,75	11,660	1,46	PHS 60-1BH17
		18	119,38	A	19,05	—	—	—	—	11,660	0,73	PHS 60-1A18

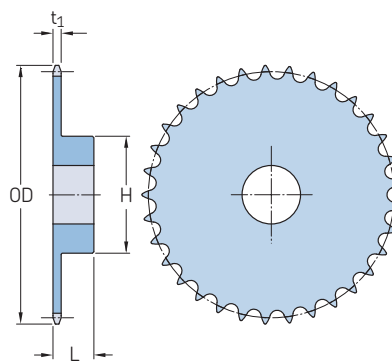
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ANSI sprockets, simplex, pilot bore

ANSI 60-1 · 19,05 mm ($\frac{3}{4}$ ") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock	Bore Min. Max.					
mm	in.	–	mm	–	mm					kg	–
19,05	$\frac{3}{4}$	18	119,38	B	–	19,05 60,33	88,90	31,75	11,660	1,69	PHS 60-1BH18
		19	125,73	A	19,05	–	–	–	11,660	0,83	PHS 60-1A19
			125,73	B	–	19,05 60,33	88,90	31,75	11,660	1,78	PHS 60-1BH19
		20	131,83	A	19,05	–	–	–	11,660	0,96	PHS 60-1A20
			131,83	B	–	19,05 66,68	98,43	31,75	11,660	2,10	PHS 60-1BH20
		21	137,92	A	19,05	–	–	–	11,660	1,03	PHS 60-1A21
			137,92	B	–	19,05 69,85	101,60	31,75	11,660	2,27	PHS 60-1BH21
		22	144,02	A	19,05	–	–	–	11,660	1,12	PHS 60-1A22
			144,02	B	–	19,05 69,85	101,60	31,75	11,660	2,38	PHS 60-1BH22
		23	150,11	A	19,05	–	–	–	11,660	1,22	PHS 60-1A23
			150,11	B	–	19,05 69,85	101,60	31,75	11,660	2,49	PHS 60-1BH23
		24	156,21	A	18,26	–	–	–	11,660	1,36	PHS 60-1A24
			156,21	B	–	19,05 69,85	101,60	31,75	11,660	2,62	PHS 60-1BH24
		25	162,31	A	18,26	–	–	–	11,660	1,51	PHS 60-1A25
			162,31	B	–	19,05 69,85	101,60	31,75	11,660	2,78	PHS 60-1BH25
		26	168,40	A	18,26	–	–	–	11,660	1,61	PHS 60-1A26
			168,40	B	–	19,05 69,85	101,60	31,75	11,660	2,89	PHS 60-1BH26
		27	174,50	A	18,26	–	–	–	11,660	1,80	PHS 60-1A27
			174,50	B	–	19,05 69,85	101,60	31,75	11,660	3,05	PHS 60-1BH27
		28	180,59	A	18,26	–	–	–	11,660	1,88	PHS 60-1A28
			180,59	B	–	19,05 69,85	101,60	31,75	11,660	3,12	PHS 60-1BH28
		29	186,69	A	18,26	–	–	–	11,660	2,00	PHS 60-1A29
			186,69	B	–	19,05 69,85	101,60	31,75	11,660	3,30	PHS 60-1BH29
		30	192,79	A	18,26	–	–	–	11,660	2,17	PHS 60-1A30
			192,79	B	–	19,05 69,85	101,60	31,75	11,660	3,44	PHS 60-1B30
		31	198,88	A	18,26	–	–	–	11,660	2,38	PHS 60-1A31
			198,88	B	–	19,05 69,85	101,60	31,75	11,660	3,50	PHS 60-1B31
		32	204,98	A	18,26	–	–	–	11,660	2,50	PHS 60-1A32
			204,98	B	–	19,05 69,85	101,60	31,75	11,660	3,75	PHS 60-1B32
		33	210,82	A	23,81	–	–	–	11,660	2,66	PHS 60-1A33
			210,82	B	–	25,40 69,85	101,60	31,75	11,660	3,82	PHS 60-1B33
		34	216,92	A	23,81	–	–	–	11,660	2,79	PHS 60-1A34
			216,92	B	–	25,40 69,85	101,60	31,75	11,660	3,99	PHS 60-1B34
		35	223,01	A	23,81	–	–	–	11,660	3,08	PHS 60-1A35
			223,01	B	–	25,40 69,85	101,60	31,75	11,660	4,10	PHS 60-1B35
		36	229,11	A	23,81	–	–	–	11,660	3,09	PHS 60-1A36
			229,11	B	–	25,40 69,85	101,60	31,75	11,660	4,35	PHS 60-1B36
		37	235,20	A	23,81	–	–	–	11,660	3,41	PHS 60-1A37
			235,20	B	–	25,40 69,85	101,60	31,75	11,660	4,64	PHS 60-1B37
		38	241,30	A	23,81	–	–	–	11,660	3,56	PHS 60-1A38
			241,30	B	–	25,40 69,85	107,95	31,75	11,660	4,92	PHS 60-1B38
		39	247,40	A	23,81	–	–	–	11,660	3,76	PHS 60-1A39
			247,40	B	–	25,40 69,85	107,95	31,75	11,660	5,15	PHS 60-1B39

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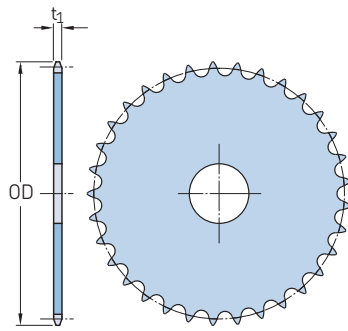
ANSI sprockets, simplex, pilot bore
ANSI 60-1 · 19,05 mm ($\frac{3}{4}$ " pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Bore Min.	Bore Max.	Hub		Plate thickness t ₁	Mass kg	Designation
mm	in.				Bore stock				H	L			
19,05	$\frac{3}{4}$	40	253,49 253,49	A B	23,81 –	– 25,40	– 25,40	– 69,85	– 107,95	– 31,75	11,660 11,660	3,88 5,22	PHS 60-1A40 PHS 60-1B40
		41	259,59 259,59	A B	23,81 –	– 25,40	– 25,40	– 69,85	– 107,95	– 31,75	11,660 11,660	4,13 5,51	PHS 60-1A41 PHS 60-1B41
		42	265,68 265,68	A B	23,81 –	– 25,40	– 25,40	– 69,85	– 107,95	– 31,75	11,660 11,660	4,46 5,78	PHS 60-1A42 PHS 60-1B42
		43	271,78 271,78	A B	23,81 –	– 25,40	– 25,40	– 69,85	– 107,95	– 31,75	11,660 11,660	4,42 5,90	PHS 60-1A43 PHS 60-1B43
		44	277,88 277,88	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	4,88 6,30	PHS 60-1A44 PHS 60-1B44
		45	283,97 283,97	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	5,03 6,34	PHS 60-1A45 PHS 60-1B45
		46	290,07 290,07	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	5,22 6,62	PHS 60-1A46 PHS 60-1B46
		47	295,91 295,91	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	5,59 6,80	PHS 60-1A47 PHS 60-1B47
		48	302,01 302,01	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	5,63 7,18	PHS 60-1A48 PHS 60-1B48
		49	308,10 308,10	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	5,86 7,21	PHS 60-1A49 PHS 60-1B49
		50	314,20 314,20	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	6,34 8,01	PHS 60-1A50 PHS 60-1B50
		51	320,29 320,29	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	6,61 7,70	PHS 60-1A51 PHS 60-1B51
		52	326,39 326,39	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	6,62 8,13	PHS 60-1A52 PHS 60-1B52
		53	332,49 332,49	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 31,75	11,660 11,660	7,18 8,16	PHS 60-1A53 PHS 60-1B53
		54	338,58 338,58	A B	23,81 –	– 23,81	– 23,81	– 69,85	– 107,95	– 44,45	11,660 11,660	7,22 9,80	PHS 60-1A54 PHS 60-1B54
		55	344,68 344,68	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	7,69 9,59	PHS 60-1A55 PHS 60-1B55
		56	350,77 350,77	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	7,98 9,92	PHS 60-1A56 PHS 60-1B56
		57	356,62 356,62	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	7,99 10,10	PHS 60-1A57 PHS 60-1B57
		58	362,71 362,71	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	8,62 10,34	PHS 60-1A58 PHS 60-1B58
		59	368,81 368,81	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	8,71 10,82	PHS 60-1A59 PHS 60-1B59
		60	374,90 374,90	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	9,08 11,44	PHS 60-1A60 PHS 60-1B60
		64	399,29 399,29	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	10,43 12,43	PHS 60-1A64 PHS 60-1B64
		65	405,38 405,38	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	10,54 13,12	PHS 60-1A65 PHS 60-1B65
		66	–	A	31,75	–	–	–	–	–	11,660	11,08	PHS 60-1A66
		68	423,42 423,42	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	11,58 13,78	PHS 60-1A68 PHS 60-1B68
		70	435,61 435,61	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 44,45	11,660 11,660	12,34 14,51	PHS 60-1A70 PHS 60-1B70
		72	447,80 447,80	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 50,80	11,660 11,660	13,11 15,50	PHS 60-1A72 PHS 60-1B72
		76	471,93 471,93	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 50,80	11,660 11,660	14,67 17,26	PHS 60-1A76 PHS 60-1B76
		80	496,32 496,32	A B	31,75 –	– 31,75	– 31,75	– 69,85	– 107,95	– 50,80	11,660 11,660	20,64 19,00	PHS 60-1A80 PHS 60-1B80
		84	520,45 520,45	A B	31,75 –	– 31,75	– 31,75	– 82,55	– 120,65	– 50,80	11,660 11,660	18,23 21,07	PHS 60-1A84 PHS 60-1B84

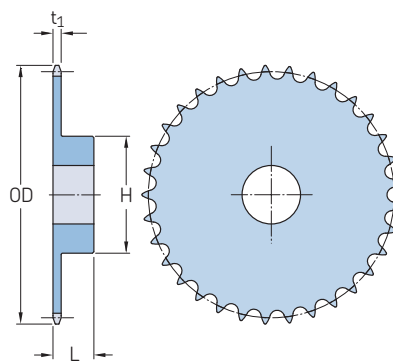
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

ANSI 60-1 · 19,05 mm (3/4") pitch | ANSI 80-1 · 25,40 mm (1") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock	Bore Min. Max.					
mm	in.	–	mm	–	mm					kg	–
19,05	3/4	90	557,02	A	31,75	–	–	–	11,660	19,70	PHS 60-1A90
			557,02	B	–	31,75	84,14	127,00	11,660	28,67	PHS 60-1B90
		96	593,34	A	31,75	–	–	–	11,660	23,60	PHS 60-1A96
			593,34	B	–	31,75	95,25	139,70	11,660	28,61	PHS 60-1B96
		112	690,37	A	31,75	–	–	–	11,660	32,11	PHS 60-1A112
			690,37	B	–	31,75	95,25	139,70	11,660	37,09	PHS 60-1B112
25,40	1	8	76,45	B	–	25,40	25,40	49,21	14,600	0,64	PHS 80-1BH8
		9	85,09	A	23,81	–	–	–	14,600	0,36	PHS 80-1A9
			85,09	B	–	25,40	33,34	57,15	14,600	0,73	PHS 80-1BH9
		10	93,47	A	23,81	–	–	–	14,600	0,45	PHS 80-1A10
			93,47	B	–	25,40	38,10	65,09	14,600	1,00	PHS 80-1BH10
		11	101,85	A	23,81	–	–	–	14,600	0,59	PHS 80-1A11
			101,85	B	–	25,40	41,28	71,44	14,600	1,45	PHS 80-1BH11
		12	109,98	A	23,81	–	–	–	14,600	0,68	PHS 80-1A12
			109,98	B	–	25,40	47,63	79,38	14,600	1,54	PHS 80-1BH12
		13	118,36	A	23,81	–	–	–	14,600	0,82	PHS 80-1A13
			118,36	B	–	25,40	50,80	76,20	14,600	1,59	PHS 80-1BH13
		14	126,49	A	23,81	–	–	–	14,600	1,00	PHS 80-1A14
			126,49	B	–	25,40	57,15	82,55	14,600	1,86	PHS 80-1BH14
		15	134,62	A	23,81	–	–	–	14,600	1,13	PHS 80-1A15
			134,62	B	–	25,40	63,50	96,84	14,600	2,40	PHS 80-1BH15
		16	143,00	A	23,81	–	–	–	14,600	1,32	PHS 80-1A16
			143,00	B	–	25,40	69,85	101,60	14,600	2,68	PHS 80-1BH16
		17	151,13	A	23,81	–	–	–	14,600	1,50	PHS 80-1A17
			151,13	B	–	25,40	69,85	101,60	14,600	2,99	PHS 80-1BH17
		18	159,26	A	23,81	–	–	–	14,600	1,68	PHS 80-1A18
			159,26	B	–	25,40	69,85	107,95	14,600	3,31	PHS 80-1BH18
		19	167,39	A	23,81	–	–	–	14,600	1,86	PHS 80-1A19
			167,39	B	–	25,40	69,85	107,95	14,600	3,54	PHS 80-1BH19
		20	175,51	A	23,81	–	–	–	14,600	2,13	PHS 80-1A20
			175,51	B	–	25,40	69,85	107,95	14,600	3,81	PHS 80-1BH20
		21	183,90	A	23,81	–	–	–	14,600	2,22	PHS 80-1A21
			183,90	B	–	25,40	69,85	107,95	14,600	4,26	PHS 80-1BH21
		22	192,02	A	23,81	–	–	–	14,600	2,49	PHS 80-1A22
			192,02	B	–	25,40	69,85	107,95	14,600	4,54	PHS 80-1BH22
		23	200,15	A	23,81	–	–	–	14,600	2,86	PHS 80-1A23
			200,15	B	–	25,40	69,85	107,95	14,600	4,85	PHS 80-1BH23
		24	208,28	A	23,81	–	–	–	14,600	3,04	PHS 80-1A24
			208,28	B	–	25,40	69,85	107,95	14,600	5,13	PHS 80-1BH24
		25	216,41	A	23,81	–	–	–	14,600	3,27	PHS 80-1A25
			216,41	B	–	25,40	69,85	107,95	14,600	5,40	PHS 80-1BH25
		26	224,54	A	30,16	–	–	–	14,600	3,54	PHS 80-1A26
			224,54	B	–	31,75	82,55	120,65	14,600	6,49	PHS 80-1B26

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ANSI sprockets, simplex, pilot bore

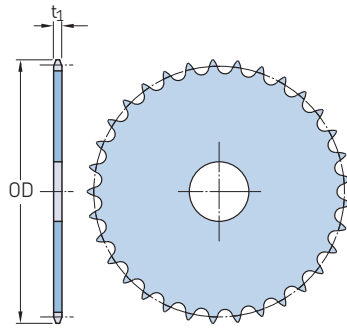
ANSI 80-1 · 25,40 mm (1") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
						Min.	Max.	H	L			
mm	in.	–	mm	–	mm						kg	–
25,40	1	27	232,66	A	30,16	–	–	–	–	14,600	3,90	PHS 80-1A27
			232,66	B	–	31,75	82,55	120,65	50,80	14,600	6,99	PHS 80-1B27
		28	240,79	A	30,16	–	–	–	–	14,600	4,22	PHS 80-1A28
			240,79	B	–	31,75	82,55	120,65	50,80	14,600	7,26	PHS 80-1B28
		29	248,92	A	30,16	–	–	–	–	14,600	4,45	PHS 80-1A29
			248,92	B	–	30,16	82,55	120,65	50,80	14,600	7,76	PHS 80-1B29
		30	256,79	A	30,16	–	–	–	–	14,600	4,85	PHS 80-1A30
			256,79	B	–	30,16	82,55	120,65	50,80	14,600	7,89	PHS 80-1B30
		31	264,92	A	30,16	–	–	–	–	14,600	5,13	PHS 80-1A31
			264,92	B	–	30,16	82,55	120,65	50,80	14,600	8,48	PHS 80-1B31
		32	273,05	A	30,16	–	–	–	–	14,600	5,49	PHS 80-1A32
			273,05	B	–	30,16	82,55	120,65	50,80	14,600	8,85	PHS 80-1B32
		33	281,18	A	30,16	–	–	–	–	14,600	6,17	PHS 80-1A33
			281,18	B	–	30,16	82,55	120,65	50,80	14,600	8,89	PHS 80-1B33
		34	289,31	A	30,16	–	–	–	–	14,600	6,49	PHS 80-1A34
			289,31	B	–	30,16	82,55	120,65	50,80	14,600	9,66	PHS 80-1B34
		35	297,43	A	30,16	–	–	–	–	14,600	6,71	PHS 80-1A35
			297,43	B	–	30,16	82,55	120,65	50,80	14,600	10,02	PHS 80-1B35
		36	305,56	A	30,16	–	–	–	–	14,600	7,30	PHS 80-1A36
			305,56	B	–	30,16	82,55	120,65	50,80	14,600	10,48	PHS 80-1B36
		37	313,69	A	30,16	–	–	–	–	14,600	7,62	PHS 80-1A37
			313,69	B	–	30,16	82,55	120,65	50,80	14,600	10,80	PHS 80-1B37
		38	321,82	A	30,16	–	–	–	–	14,600	7,80	PHS 80-1A38
			321,82	B	–	30,16	82,55	120,65	50,80	14,600	11,20	PHS 80-1B38
		39	329,95	A	30,16	–	–	–	–	14,600	8,12	PHS 80-1A39
			329,95	B	–	30,16	82,55	120,65	50,80	14,600	11,61	PHS 80-1B39
		40	338,07	A	30,16	–	–	–	–	14,600	8,57	PHS 80-1A40
			338,07	B	–	30,16	82,55	120,65	50,80	14,600	12,11	PHS 80-1B40
		41	346,20	A	31,75	–	–	–	–	14,600	9,53	PHS 80-1A41
			346,20	B	–	31,75	82,55	120,65	50,80	14,600	12,61	PHS 80-1B41
		42	354,08	A	31,75	–	–	–	–	14,600	9,89	PHS 80-1A42
			354,08	B	–	31,75	82,55	120,65	50,80	14,600	13,02	PHS 80-1B42
		43	362,20	A	31,75	–	–	–	–	14,600	10,70	PHS 80-1A43
			362,20	B	–	31,75	82,55	120,65	50,80	14,600	13,34	PHS 80-1B43
		44	370,33	A	31,75	–	–	–	–	14,600	11,02	PHS 80-1A44
			370,33	B	–	31,75	82,55	120,65	50,80	14,600	13,56	PHS 80-1B44
		45	378,46	A	31,75	–	–	–	–	14,600	11,43	PHS 80-1A45
			378,46	B	–	31,75	82,55	120,65	50,80	14,600	14,24	PHS 80-1B45
		46	386,59	A	31,75	–	–	–	–	14,600	12,07	PHS 80-1A46
			386,59	B	–	31,75	82,55	120,65	50,80	14,600	15,01	PHS 80-1B46
		47	394,72	A	31,75	–	–	–	–	14,600	11,97	PHS 80-1A47
			394,72	B	–	31,75	82,55	120,65	50,80	14,600	15,42	PHS 80-1B47
		48	402,84	A	31,75	–	–	–	–	14,600	12,61	PHS 80-1A48
			402,84	B	–	31,75	82,55	120,65	50,80	14,600	16,10	PHS 80-1B48
		49	410,97	A	31,75	–	–	–	–	14,600	13,11	PHS 80-1A49
			410,97	B	–	31,75	82,55	120,65	50,80	14,600	16,24	PHS 80-1B49
		50	419,10	A	31,75	–	–	–	–	14,600	14,02	PHS 80-1A50
			419,10	B	–	31,75	82,55	120,65	50,80	14,600	16,92	PHS 80-1B50
		51	426,97	A	31,75	–	–	–	–	14,600	14,61	PHS 80-1A51
			426,97	B	–	31,75	82,55	120,65	50,80	14,600	17,51	PHS 80-1B51
		52	435,10	A	31,75	–	–	–	–	14,600	14,97	PHS 80-1A52
			435,10	B	–	31,75	82,55	120,65	50,80	14,600	17,87	PHS 80-1B52
		53	443,23	A	31,75	–	–	–	–	14,600	15,83	PHS 80-1A53
			443,23	B	–	31,75	82,55	120,65	50,80	14,600	18,73	PHS 80-1B53
		54	451,36	A	31,75	–	–	–	–	14,600	16,60	PHS 80-1A54
			451,36	B	–	31,75	88,90	133,35	50,80	14,600	20,28	PHS 80-1B54
		55	459,49	A	31,75	–	–	–	–	14,600	17,01	PHS 80-1A55
			459,49	B	–	31,75	88,90	133,35	50,80	14,600	20,68	PHS 80-1B55
		56	467,61	A	31,75	–	–	–	–	14,600	17,87	PHS 80-1A56

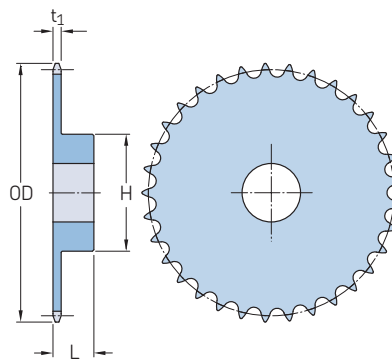
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ANSI sprockets, simplex, pilot bore

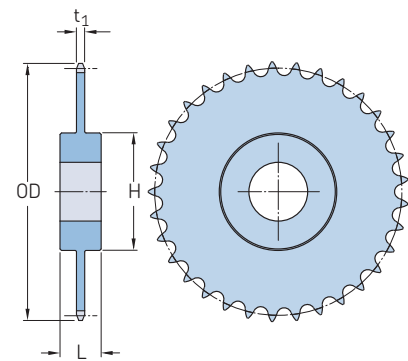
ANSI 80-1 · 25,40 mm (1") pitch | ANSI 100-1 · 31,75 mm (1¼") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter	Type	Dimensions	Bore		Hub		Plate thickness	Mass	Designation	
						Bore stock	Min.	Max.	H				L
mm	in.	—	mm	—	mm						kg	—	
25,40	1	56	467,61	B	—	31,75	88,90	133,35	50,80	14,600	21,55	PHS 80-1B56	
		57	475,74	A	31,75	—	—	—	—	14,600	18,33	PHS 80-1A57	
			475,74	B	—	31,75	88,90	133,35	50,80	14,600	22,00	PHS 80-1B57	
		58	483,62	A	31,75	—	—	—	—	14,600	18,73	PHS 80-1A58	
			483,62	B	—	31,75	88,90	133,35	50,80	14,600	22,91	PHS 80-1B58	
		59	491,74	A	31,75	—	—	—	—	14,600	19,46	PHS 80-1A59	
			491,74	B	—	31,75	88,90	133,35	50,80	14,600	23,63	PHS 80-1B59	
		60	499,87	A	31,75	—	—	—	—	14,600	20,55	PHS 80-1A60	
			499,87	B	—	31,75	88,90	133,35	50,80	14,600	24,72	PHS 80-1B60	
		65	540,26	A	31,75	—	—	—	—	14,600	23,68	PHS 80-1A65	
			540,26	B	—	31,75	88,90	133,35	50,80	14,600	28,03	PHS 80-1B65	
		70	580,90	A	38,10	—	—	—	—	14,600	27,12	PHS 80-1A70	
			580,90	C	—	38,10	107,95	158,75	88,90	14,600	34,34	PHS 80-1C70	
		72	596,90	A	38,10	—	—	—	—	14,600	29,80	PHS 80-1A72	
			596,90	C	—	38,10	107,95	158,75	88,90	14,600	36,92	PHS 80-1C72	
		76	629,41	A	38,10	—	—	—	—	14,600	31,84	PHS 80-1A76	
			629,41	C	—	38,10	107,95	158,75	88,90	14,600	39,83	PHS 80-1C76	
		80	661,67	A	38,10	—	—	—	—	14,600	36,11	PHS 80-1A80	
661,67	C		—	38,10	107,95	158,75	88,90	14,600	40,78	PHS 80-1C80			
84	694,18	A	38,10	—	—	—	—	14,600	39,05	PHS 80-1A84			
	694,18	C	—	38,10	107,95	158,75	88,90	14,600	45,00	PHS 80-1C84			
90	742,70	A	38,10	—	—	—	—	14,600	45,81	PHS 80-1A90			
	742,70	C	—	38,10	107,95	158,75	88,90	14,600	48,08	PHS 80-1C90			
96	791,21	A	38,10	—	—	—	—	14,600	54,43	PHS 80-1A96			
	791,21	C	—	38,10	107,95	158,75	88,90	14,600	53,07	PHS 80-1C96			
112	920,50	A	38,10	—	—	—	—	14,600	74,84	PHS 80-1A112			
	920,50	C	—	38,10	107,95	158,75	88,90	14,600	69,85	PHS 80-1C112			
31,75	1 ¼	7	85,09	A	25,40	—	—	—	—	17,580	0,54	PHS 100-1A7	
		8	95,76	A	25,40	—	—	—	—	17,580	0,64	PHS 100-1A8	
			95,76	B	—	25,40	31,75	61,91	47,63	17,580	1,04	PHS 100-1BH8	
		9	106,17	A	25,40	—	—	—	—	17,580	0,73	PHS 100-1A9	
			106,17	B	—	25,40	41,28	71,44	47,63	17,580	1,45	PHS 100-1BH9	
		10	116,84	A	25,40	—	—	—	—	17,580	0,91	PHS 100-1A10	
			116,84	B	—	25,40	47,63	82,55	47,63	17,580	1,86	PHS 100-1BH10	
		11	127,25	A	31,75	—	—	—	—	17,580	1,13	PHS 100-1A11	
127,25	B		—	25,40	57,15	90,49	47,63	17,580	2,40	PHS 100-1BH11			
12	137,67	A	31,75	—	—	—	—	17,580	1,36	PHS 100-1A12			
	137,67	B	—	25,40	57,15	101,60	47,63	17,580	2,90	PHS 100-1BH12			
13	147,83	A	31,75	—	—	—	—	17,580	1,59	PHS 100-1A13			
	147,83	B	—	25,40	60,33	98,43	41,28	17,580	2,99	PHS 100-1BH13			
14	158,24	A	31,75	—	—	—	—	17,580	1,86	PHS 100-1A14			
	158,24	B	—	31,75	69,85	106,36	41,28	17,580	3,36	PHS 100-1BH14			

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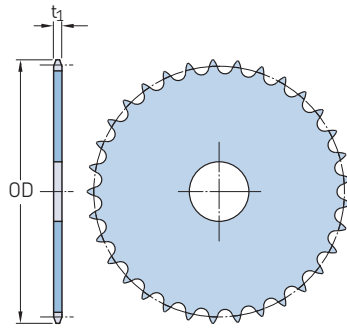
ANSI sprockets, simplex, pilot bore
ANSI 100-1 · 31,75 mm (1¼") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock	Bore					
mm	in.	–	mm	–	mm	Min.	Max.			kg	–
31,75	1 ¼	15	168,40	A	31,75	–	–	–	17,580	2,13	PHS 100-1A15
			168,40	B	–	31,75	76,20	114,30	17,580	4,17	PHS 100-1B15
		16	178,56	A	31,75	–	–	–	17,580	2,45	PHS 100-1A16
			178,56	B	–	33,34	76,20	114,30	17,580	4,49	PHS 100-1B16
		17	188,98	A	31,75	–	–	–	17,580	2,77	PHS 100-1A17
			188,98	B	–	33,34	76,20	114,30	17,580	4,90	PHS 100-1B17
		18	199,14	A	31,75	–	–	–	17,580	3,18	PHS 100-1A18
			199,14	B	–	33,34	76,20	114,30	17,580	5,22	PHS 100-1B18
		19	209,30	A	31,75	–	–	–	17,580	3,54	PHS 100-1A19
			209,30	B	–	33,34	76,20	114,30	17,580	5,94	PHS 100-1B19
		20	219,46	A	31,75	–	–	–	17,580	3,99	PHS 100-1A20
			219,46	B	–	33,34	76,20	114,30	17,580	6,44	PHS 100-1B20
		21	229,62	A	31,75	–	–	–	17,580	4,45	PHS 100-1A21
			229,62	B	–	33,34	76,20	114,30	17,580	6,94	PHS 100-1B21
		22	239,78	A	31,75	–	–	–	17,580	4,76	PHS 100-1A22
			239,78	B	–	33,34	76,20	114,30	17,580	7,30	PHS 100-1B22
		23	249,94	A	31,75	–	–	–	17,580	5,35	PHS 100-1A23
			249,94	B	–	31,75	76,20	114,30	17,580	7,80	PHS 100-1B23
		24	260,35	A	31,75	–	–	–	17,580	5,81	PHS 100-1A24
			260,35	B	–	31,75	76,20	114,30	17,580	8,71	PHS 100-1B24
		25	270,51	A	31,75	–	–	–	17,580	6,30	PHS 100-1A25
			270,51	B	–	31,75	76,20	114,30	17,580	8,85	PHS 100-1B25
		26	280,67	A	31,75	–	–	–	17,580	6,80	PHS 100-1A26
			280,67	B	–	31,75	84,14	127,00	17,580	9,84	PHS 100-1B26
		27	290,58	A	31,75	–	–	–	17,580	7,26	PHS 100-1A27
			290,58	B	–	31,75	84,14	127,00	17,580	10,43	PHS 100-1B27
		28	300,74	A	31,75	–	–	–	17,580	7,89	PHS 100-1A28
			300,74	B	–	31,75	84,14	127,00	17,580	11,07	PHS 100-1B28
		29	310,90	A	31,75	–	–	–	17,580	8,89	PHS 100-1A29
			310,90	B	–	31,75	84,14	127,00	17,580	11,34	PHS 100-1B29
		30	321,06	A	31,75	–	–	–	17,580	9,12	PHS 100-1A30
			321,06	B	–	31,75	84,14	127,00	17,580	12,20	PHS 100-1B30
		31	331,22	A	31,75	–	–	–	17,580	9,75	PHS 100-1A31
		32	341,38	A	31,75	–	–	–	17,580	10,25	PHS 100-1A32
			341,38	B	–	31,75	84,14	127,00	17,580	13,52	PHS 100-1B32
		33	351,54	A	31,75	–	–	–	17,580	10,93	PHS 100-1A33
		34	361,70	A	31,75	–	–	–	17,580	11,79	PHS 100-1A34
		35	371,86	A	31,75	–	–	–	17,580	12,34	PHS 100-1A35
			371,86	B	–	31,75	84,14	127,00	17,580	16,74	PHS 100-1B35
		36	382,02	A	31,75	–	–	–	17,580	13,61	PHS 100-1A36
			382,02	B	–	31,75	84,14	127,00	17,580	17,51	PHS 100-1B36
		37	392,18	A	31,75	–	–	–	17,580	14,06	PHS 100-1A37
		38	402,34	A	31,75	–	–	–	17,580	14,97	PHS 100-1A38
			402,34	B	–	31,75	84,14	127,00	17,580	18,82	PHS 100-1B38
		39	412,24	A	31,75	–	–	–	17,580	15,88	PHS 100-1A39
			412,24	B	–	31,75	84,14	127,00	17,580	19,78	PHS 100-1B39
		40	422,40	A	31,75	–	–	–	17,580	16,33	PHS 100-1A40
			422,40	B	–	31,75	84,14	127,00	17,580	21,27	PHS 100-1B40
		41	432,56	A	31,75	–	–	–	17,580	17,69	PHS 100-1A41
		42	442,72	A	31,75	–	–	–	17,580	18,14	PHS 100-1A42
			442,72	B	–	31,75	84,14	127,00	17,580	22,86	PHS 100-1B42
		43	452,88	A	38,10	–	–	–	17,580	19,50	PHS 100-1A43
		44	463,04	A	38,10	–	–	–	17,580	20,41	PHS 100-1A44
		45	473,20	A	38,10	–	–	–	17,580	21,32	PHS 100-1A45
			473,20	B	–	38,10	84,14	127,00	17,580	24,49	PHS 100-1B45
		46	483,11	A	38,10	–	–	–	17,580	21,77	PHS 100-1A46

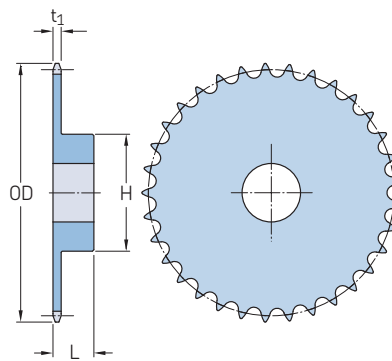
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ANSI sprockets, simplex, pilot bore

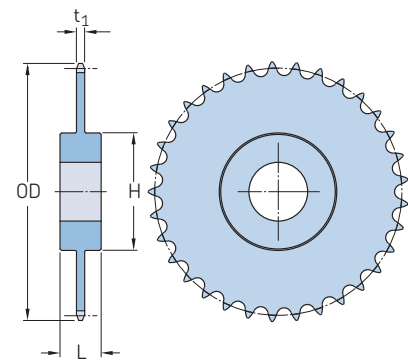
ANSI 100-1 · 31,75 mm (1¼") pitch | ANSI 120-1 · 38,10 mm (1½") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	Hub L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock	Bore Min. Max.					
31,75	1¼	47	493,27	A	38,10	–	–	–	17,580	23,59	PHS 100-1A47
		48	503,43	A	38,10	–	–	–	17,580	24,49	PHS 100-1A48
			503,43	B	–	38,10	101,60	63,50	17,580	29,94	PHS 100-1B48
		49	513,59	A	38,10	–	–	–	17,580	25,40	PHS 100-1A49
		50	523,75	A	38,10	–	–	–	17,580	25,85	PHS 100-1A50
		51	533,91	A	38,10	–	–	–	17,580	28,58	PHS 100-1A51
		52	544,07	A	38,10	–	–	–	17,580	29,03	PHS 100-1A52
		53	553,97	A	38,10	–	–	–	17,580	29,12	PHS 100-1A53
		54	564,13	A	38,10	–	–	–	17,580	30,84	PHS 100-1A54
			564,13	C	–	38,10	101,60	82,55	17,580	35,38	PHS 100-1C54
		55	574,29	A	38,10	–	–	–	17,580	31,75	PHS 100-1A55
		56	584,45	A	38,10	–	–	–	17,580	32,66	PHS 100-1A56
		57	594,61	A	38,10	–	–	–	17,580	34,38	PHS 100-1A57
		58	604,77	A	38,10	–	–	–	17,580	34,47	PHS 100-1A58
		59	614,68	A	38,10	–	–	–	17,580	34,93	PHS 100-1A59
		60	624,84	A	38,10	–	–	–	17,580	36,29	PHS 100-1A60
			624,84	C	–	38,10	101,60	82,55	17,580	40,37	PHS 100-1C60
		70	725,93	A	38,10	–	–	–	17,580	51,26	PHS 100-1A70
			725,93	C	–	38,10	133,35	177,80	17,580	56,70	PHS 100-1C70
		72	746,25	A	38,10	–	–	–	17,580	53,98	PHS 100-1A72
			746,25	C	–	38,10	133,35	177,80	17,580	60,78	PHS 100-1C72
		76	786,64	A	38,10	–	–	–	17,580	60,33	PHS 100-1A76
			786,64	C	–	38,10	133,35	177,80	17,580	64,86	PHS 100-1C76
		80	827,28	A	38,10	–	–	–	17,580	66,22	PHS 100-1A80
			827,28	C	–	38,10	133,35	177,80	17,580	68,49	PHS 100-1C80
		84	867,66	A	38,10	–	–	–	17,580	73,48	PHS 100-1A84
			867,66	C	–	38,10	133,35	177,80	17,580	77,11	PHS 100-1C84
		90	928,37	A	38,10	–	–	–	17,580	87,54	PHS 100-1A90
			928,37	C	–	38,10	133,35	177,80	17,580	83,46	PHS 100-1C90
		96	988,82	A	38,10	–	–	–	17,580	97,52	PHS 100-1A96
			988,82	C	–	38,10	133,35	177,80	17,580	92,08	PHS 100-1C96
38,10	1½	8	114,81	A	31,75	–	–	–	23,470	1,09	PHS 120-1A8
		9	127,51	A	31,75	–	–	–	23,470	1,36	PHS 120-1A9
			127,51	B	–	34,93	46,04	85,73	23,470	2,40	PHS 120-1BH9
		10	140,21	A	31,75	–	–	–	23,470	1,72	PHS 120-1A10
			140,21	B	–	34,93	57,15	95,25	23,470	3,22	PHS 120-1BH10
		11	152,65	A	31,75	–	–	–	23,470	2,18	PHS 120-1A11
			152,65	B	–	34,93	60,33	90,49	23,470	3,45	PHS 120-1BH11
		12	165,10	A	31,75	–	–	–	23,470	2,63	PHS 120-1A12

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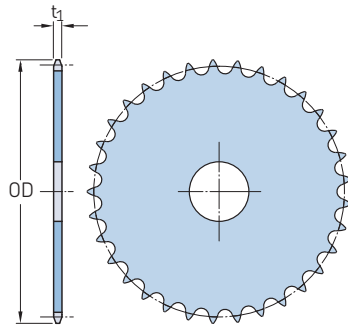
ANSI sprockets, simplex, pilot bore
ANSI 120-1 • 38,10 mm (1½") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
mm	in.					Min.	Max.	H	L			
mm	in.	–	mm	–	mm						kg	–
38,10	1 ½	12	165,10	B	–	34,93	69,85	104,78	53,98	23,470	4,49	PHS 120-1BH12
		13	177,55	A	31,75	–	–	–	–	23,470	3,04	PHS 120-1A13
			177,55	B	–	34,93	76,20	115,89	57,15	23,470	5,62	PHS 120-1BH13
		14	189,74	A	31,75	–	–	–	–	23,470	3,63	PHS 120-1A14
			189,74	B	–	34,93	82,55	120,65	57,15	23,470	6,53	PHS 120-1BH14
		15	202,18	A	31,75	–	–	–	–	23,470	4,13	PHS 120-1A15
			202,18	B	–	31,75	82,55	120,65	60,33	23,470	7,57	PHS 120-1BH15
		16	214,38	A	31,75	–	–	–	–	23,470	4,81	PHS 120-1A16
			214,38	B	–	31,75	88,90	133,35	60,33	23,470	9,03	PHS 120-1BH16
		17	226,57	A	31,75	–	–	–	–	23,470	5,72	PHS 120-1A17
			226,57	B	–	31,75	88,90	133,35	60,33	23,470	9,43	PHS 120-1BH17
		18	239,01	A	31,75	–	–	–	–	23,470	6,17	PHS 120-1A18
			239,01	B	–	31,75	88,90	133,35	60,33	23,470	10,07	PHS 120-1BH18
		19	251,21	A	31,75	–	–	–	–	23,470	6,85	PHS 120-1A19
			251,21	B	–	31,75	88,90	133,35	60,33	23,470	11,25	PHS 120-1BH19
		20	263,40	A	31,75	–	–	–	–	23,470	7,67	PHS 120-1A20
			263,40	B	–	31,75	88,90	133,35	60,33	23,470	11,70	PHS 120-1BH20
		21	275,59	A	31,75	–	–	–	–	23,470	8,48	PHS 120-1A21
			275,59	B	–	31,75	88,90	133,35	60,33	23,470	12,11	PHS 120-1BH21
		22	287,78	A	31,75	–	–	–	–	23,470	9,07	PHS 120-1A22
			287,78	B	–	31,75	88,90	133,35	60,33	23,470	12,79	PHS 120-1BH22
		23	299,97	A	31,75	–	–	–	–	23,470	10,02	PHS 120-1A23
			299,97	B	–	31,75	88,90	133,35	60,33	23,470	13,74	PHS 120-1BH23
		24	312,17	A	31,75	–	–	–	–	23,470	11,25	PHS 120-1A24
			312,17	B	–	31,75	88,90	133,35	60,33	23,470	14,56	PHS 120-1BH24
		25	324,36	A	31,75	–	–	–	–	23,470	12,16	PHS 120-1A25
			324,36	B	–	31,75	88,90	133,35	60,33	23,470	15,69	PHS 120-1BH25
		26	336,55	A	38,10	–	–	–	–	23,470	12,84	PHS 120-1A26
			336,55	B	–	38,10	101,60	152,40	63,50	23,470	18,14	PHS 120-1B26
		27	348,74	A	38,10	–	–	–	–	23,470	14,02	PHS 120-1A27
		28	360,93	A	38,10	–	–	–	–	23,470	15,24	PHS 120-1A28
			360,93	B	–	38,10	101,60	152,40	63,50	23,470	20,37	PHS 120-1B28
		30	385,32	A	38,10	–	–	–	–	23,470	17,69	PHS 120-1A30
			385,32	B	–	38,10	101,60	152,40	63,50	23,470	22,77	PHS 120-1B30
		32	409,70	A	38,10	–	–	–	–	23,470	19,91	PHS 120-1A32
			409,70	B	–	38,10	101,60	152,40	63,50	23,470	25,40	PHS 120-1B32
		33	421,89	A	38,10	–	–	–	–	23,470	21,86	PHS 120-1A33
		34	434,09	A	38,10	–	–	–	–	23,470	22,68	PHS 120-1A34
		35	446,28	A	38,10	–	–	–	–	23,470	23,59	PHS 120-1A35
			446,28	B	–	38,10	101,60	152,40	63,50	23,470	28,30	PHS 120-1B35
		36	458,47	A	38,10	–	–	–	–	23,470	25,40	PHS 120-1A36
			458,47	B	–	38,10	101,60	152,40	63,50	23,470	30,12	PHS 120-1B36
		40	506,98	A	38,10	–	–	–	–	23,470	32,21	PHS 120-1A40
			506,98	C	–	38,10	101,60	152,40	95,25	23,470	41,73	PHS 120-1C40
		42	531,37	A	38,10	–	–	–	–	23,470	34,02	PHS 120-1A42
			531,37	C	–	38,10	101,60	152,40	95,25	23,470	44,45	PHS 120-1C42
		45	567,69	A	38,10	–	–	–	–	23,470	39,92	PHS 120-1A45
			567,69	C	–	38,10	101,60	152,40	95,25	23,470	45,00	PHS 120-1C45
		48	604,27	A	38,10	–	–	–	–	23,470	46,72	PHS 120-1A48
			604,27	C	–	38,10	101,60	152,40	101,60	23,470	51,26	PHS 120-1C48
		54	676,91	A	38,10	–	–	–	–	23,470	63,50	PHS 120-1A54
			676,91	C	–	38,10	101,60	152,40	101,60	23,470	60,33	PHS 120-1C54
		60	749,81	A	38,10	–	–	–	–	23,470	72,57	PHS 120-1A60
			749,81	C	–	38,10	133,35	177,80	101,60	23,470	72,57	PHS 120-1C60
		70	871,22	A	38,10	–	–	–	–	23,470	97,98	PHS 120-1A70
			871,22	C	–	38,10	136,53	190,50	114,30	23,470	93,44	PHS 120-1C70
		80	992,63	A	38,10	–	–	–	–	23,470	128,82	PHS 120-1A80
			992,63	C	–	38,10	136,53	190,50	114,30	23,470	115,21	PHS 120-1C80

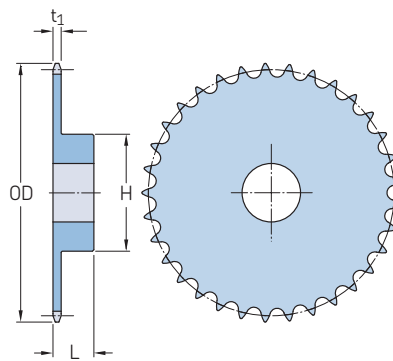
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ANSI sprockets, simplex, pilot bore

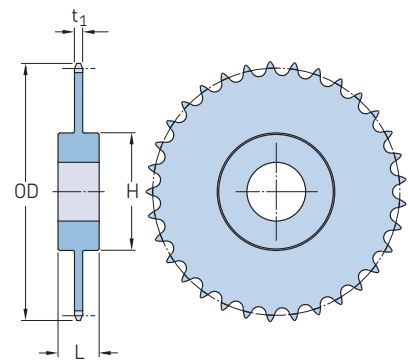
ANSI 120-1 · 38,10 mm (1½") pitch | ANSI 140-1 · 44,45 mm (1¾") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub		Plate thickness t ₁	Mass	Designation	
					Bore							
					Min.	Max.	H	L				
mm	in.	—	mm	—	mm					kg	—	
38,10	1 1/2	90	1113,79	A	38,10	—	—	—	—	23,470	162,39	PHS 120-1A90
44,45	1 3/4	11	178,05	A	38,10	—	—	—	—	23,470	2,27	PHS 140-1A11
			178,05	B	—	38,10	69,85	107,95	57,15	23,470	5,13	PHS 140-1BH11
		12	192,53	A	38,10	—	—	—	—	23,470	3,54	PHS 140-1A12
			192,53	B	—	38,10	76,20	114,30	57,15	23,470	5,99	PHS 140-1BH12
		13	207,01	A	38,10	—	—	—	—	23,470	3,72	PHS 140-1A13
			207,01	B	—	38,10	95,25	139,70	60,33	23,470	8,57	PHS 140-1BH13
		14	221,49	A	38,10	—	—	—	—	23,470	4,54	PHS 140-1A14
			221,49	B	—	38,10	95,25	139,70	60,33	23,470	9,25	PHS 140-1BH14
		15	235,71	A	38,10	—	—	—	—	23,470	4,99	PHS 140-1A15
			235,71	B	—	38,10	107,95	158,75	60,33	23,470	11,39	PHS 140-1BH15
		16	250,19	A	38,10	—	—	—	—	23,470	6,35	PHS 140-1A16
			250,19	B	—	38,10	107,95	158,75	63,50	23,470	12,66	PHS 140-1BH16
		17	264,41	A	38,10	—	—	—	—	23,470	7,26	PHS 140-1A17
			264,41	B	—	38,10	107,95	158,75	63,50	23,470	13,52	PHS 140-1BH17
		18	278,89	A	38,10	—	—	—	—	23,470	8,16	PHS 140-1A18
			278,89	B	—	38,10	107,95	158,75	63,50	23,470	14,51	PHS 140-1BH18
		19	293,12	A	38,10	—	—	—	—	23,470	9,53	PHS 140-1A19
			293,12	B	—	38,10	107,95	158,75	63,50	23,470	15,47	PHS 140-1BH19
		20	307,34	A	38,10	—	—	—	—	23,470	10,43	PHS 140-1A20
			307,34	B	—	38,10	107,95	158,75	63,50	23,470	16,33	PHS 140-1BH20
21	321,56	A	38,10	—	—	—	—	23,470	11,34	PHS 140-1A21		
	321,56	B	—	38,10	107,95	158,75	63,50	23,470	17,55	PHS 140-1BH21		
22	335,79	A	38,10	—	—	—	—	23,470	12,70	PHS 140-1A22		
	335,79	B	—	38,10	107,95	158,75	63,50	23,470	18,42	PHS 140-1BH22		
23	350,01	A	38,10	—	—	—	—	23,470	13,61	PHS 140-1A23		
	350,01	B	—	38,10	107,95	158,75	63,50	23,470	19,10	PHS 140-1BH23		
24	364,24	A	38,10	—	—	—	—	23,470	14,97	PHS 140-1A24		
	364,24	B	—	38,10	107,95	158,75	63,50	23,470	20,96	PHS 140-1BH24		
25	378,46	A	38,10	—	—	—	—	23,470	15,42	PHS 140-1A25		
	378,46	B	—	38,10	107,95	158,75	63,50	23,470	21,68	PHS 140-1BH25		
26	392,68	A	38,10	—	—	—	—	23,470	17,69	PHS 140-1A26		
	392,68	B	—	38,10	107,95	158,75	76,20	23,470	25,95	PHS 140-1B26		
27	406,91	A	38,10	—	—	—	—	23,470	18,60	PHS 140-1A27		
	406,91	B	—	38,10	107,95	158,75	76,20	23,470	26,54	PHS 140-1B27		
28	421,13	A	38,10	—	—	—	—	23,470	20,41	PHS 140-1A28		
	421,13	B	—	38,10	107,95	158,75	76,20	23,470	28,21	PHS 140-1B28		
30	449,58	A	38,10	—	—	—	—	23,470	23,59	PHS 140-1A30		
	449,58	B	—	38,10	107,95	158,75	76,20	23,470	31,66	PHS 140-1B30		
31	463,80	A	44,45	38,10	—	—	—	23,470	25,40	PHS 140-1A31		
32	478,03	A	38,10	—	—	—	—	23,470	27,22	PHS 140-1A32		
	478,03	B	—	38,10	107,95	158,75	76,20	23,470	34,61	PHS 140-1B32		

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ANSI sprockets, simplex, pilot bore

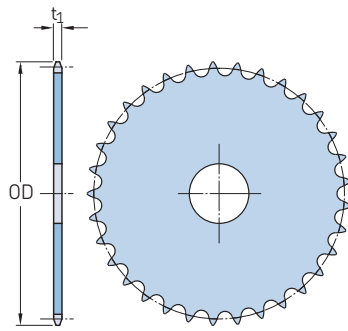
ANSI 140-1 · 44,45 mm (1³/₄" pitch | ANSI 160-1 · 50,80 mm (2" pitch

Pitch		Number of teeth	Outside diameter	Type	Dimensions	Bore		Hub		Plate thickness	Mass	Designation		
						Bore stock								
mm	in.	—	mm	—	mm						kg	—		
44,45	1 3/4	35	520,45	A	38,10	—	—	—	—	23,470	33,11	PHS 140-1A35		
			520,45	C	—	38,10	133,35	177,80	101,60	23,470	48,99	PHS 140-1C35		
		36	534,67	A	44,45	38,10	—	—	—	23,470	34,93	PHS 140-1A36		
		40	591,57	A	38,10	—	—	—	—	23,470	42,18	PHS 140-1A40		
			591,57	C	—	38,10	133,35	177,80	101,60	23,470	54,88	PHS 140-1C40		
		45	662,43	A	38,10	—	—	—	—	23,470	59,42	PHS 140-1A45		
			662,43	C	—	38,10	133,35	177,80	101,60	23,470	64,41	PHS 140-1C45		
		48	704,85	A	38,10	—	—	—	—	23,470	60,78	PHS 140-1A48		
			704,85	C	—	38,10	133,35	177,80	101,60	23,470	68,04	PHS 140-1C48		
54	789,94	A	38,10	—	—	—	—	23,470	78,47	PHS 140-1A54				
	789,94	C	—	38,10	133,35	177,80	101,60	23,470	80,29	PHS 140-1C54				
60	874,78	A	38,10	—	—	—	—	23,470	99,34	PHS 140-1A60				
	874,78	C	—	38,10	133,35	177,80	127,00	23,470	99,79	PHS 140-1C60				
70	1016,51	A	38,10	—	—	—	—	23,470	132,45	PHS 140-1A70				
	1016,51	C	—	38,10	136,53	190,50	127,00	23,470	127,91	PHS 140-1C70				
80	1157,99	A	38,10	—	—	—	—	23,470	182,34	PHS 140-1A80				
	1157,99	C	—	38,10	136,53	190,50	127,00	23,470	150,14	PHS 140-1C80				
50,80	2	8	153,16	A	38,10	—	—	—	—	29,360	2,27	PHS 160-1A8		
			153,16	B	—	38,10	47,63	82,55	57,15	29,360	3,63	PHS 160-1BH8		
		9	170,18	A	38,10	—	—	—	—	29,360	3,18	PHS 160-1A9		
			170,18	B	—	38,10	53,98	92,08	57,15	29,360	4,54	PHS 160-1BH9		
		10	186,94	A	38,10	—	—	—	—	29,360	3,63	PHS 160-1A10		
			186,94	B	—	38,10	69,85	104,78	57,15	29,360	5,44	PHS 160-1BH10		
		11	203,45	A	38,10	—	—	—	—	29,360	4,54	PHS 160-1A11		
			203,45	B	—	38,10	82,55	120,65	63,50	29,360	7,71	PHS 160-1BH11		
		12	219,96	A	38,10	—	—	—	—	29,360	5,44	PHS 160-1A12		
			219,96	B	—	38,10	95,25	139,70	63,50	29,360	9,53	PHS 160-1BH12		
		13	236,47	A	38,10	—	—	—	—	29,360	7,26	PHS 160-1A13		
			236,47	B	—	38,10	101,60	152,40	69,85	29,360	12,70	PHS 160-1BH13		
		14	252,98	A	38,10	—	—	—	—	29,360	7,71	PHS 160-1A14		
			252,98	B	—	38,10	114,30	165,10	69,85	29,360	14,51	PHS 160-1BH14		
		15	269,49	A	38,10	—	—	—	—	29,360	9,53	PHS 160-1A15		
			269,49	B	—	38,10	133,35	177,80	69,85	29,360	16,78	PHS 160-1BH15		
		16	286,00	A	38,10	—	—	—	—	29,360	10,89	PHS 160-1A16		
			286,00	B	—	38,10	133,35	177,80	69,85	29,360	18,60	PHS 160-1BH16		
		17	302,26	A	38,10	—	—	—	—	29,360	12,25	PHS 160-1A17		
			302,26	B	—	38,10	133,35	177,80	69,85	29,360	20,41	PHS 160-1BH17		
		18	318,52	A	38,10	—	—	—	—	29,360	13,61	PHS 160-1A18		
			318,52	B	—	38,10	133,35	177,80	69,85	29,360	21,77	PHS 160-1BH18		
		19	335,03	A	38,10	—	—	—	—	29,360	15,42	PHS 160-1A19		
			335,03	B	—	38,10	133,35	177,80	69,85	29,360	23,59	PHS 160-1BH19		
		20	351,28	A	38,10	—	—	—	—	29,360	17,24	PHS 160-1A20		
			351,28	B	—	38,10	133,35	177,80	69,85	29,360	25,40	PHS 160-1BH20		
		21	367,54	A	38,10	—	—	—	—	29,360	19,05	PHS 160-1A21		
			367,54	B	—	38,10	133,35	177,80	69,85	29,360	26,76	PHS 160-1BH21		
22	383,79	A	38,10	—	—	—	—	29,360	20,87	PHS 160-1A22				
	383,79	B	—	38,10	133,35	177,80	69,85	29,360	29,48	PHS 160-1BH22				
23	400,05	A	38,10	—	—	—	—	29,360	22,68	PHS 160-1A23				
	400,05	B	—	38,10	133,35	177,80	69,85	29,360	30,84	PHS 160-1BH23				
24	416,31	A	38,10	—	—	—	—	29,360	25,40	PHS 160-1A24				
	416,31	B	—	38,10	133,35	177,80	76,20	29,360	34,93	PHS 160-1BH24				
25	432,56	A	38,10	—	—	—	—	29,360	27,67	PHS 160-1A25				
	432,56	B	—	38,10	133,35	177,80	76,20	29,360	36,74	PHS 160-1BH25				
26	448,82	A	38,10	—	—	—	—	29,360	29,48	PHS 160-1A26				
	448,82	B	—	38,10	133,35	177,80	76,20	29,360	39,01	PHS 160-1B26				
27	465,07	A	38,10	—	—	—	—	29,360	32,21	PHS 160-1A27				
	465,07	B	—	38,10	133,35	177,80	76,20	29,360	41,28	PHS 160-1B27				
28	481,33	A	38,10	—	—	—	—	29,360	34,93	PHS 160-1A28				
	481,33	B	—	38,10	133,35	177,80	76,20	29,360	44,45	PHS 160-1B28				

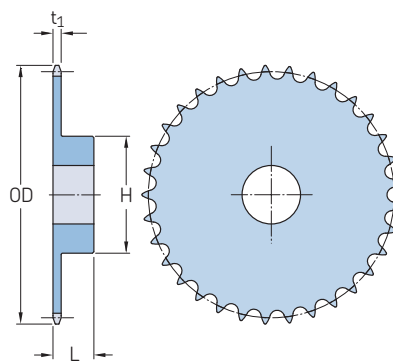
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

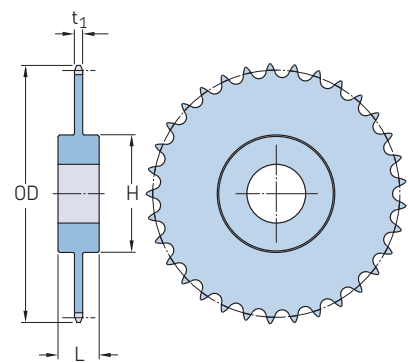
ANSI 160-1 · 50,80 mm (2") pitch | ANSI 180-1 · 57,15 mm (2¼") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter	Type	Dimensions	Bore		Hub		Plate thickness	Mass	Designation
			OD		Bore stock	Min.	Max.	H	L	t ₁		
mm	in.	–	mm	–	mm						kg	–
50,80	2	30	513,84	A	38,10	–	–	–	–	29,360	40,82	PHS 160-1A30
			513,84	B	–	38,10	133,35	177,80	76,20	29,360	48,99	PHS 160-1B30
		35	594,87	A	38,10	–	–	–	–	29,360	54,88	PHS 160-1A35
			594,87	C	–	38,10	139,70	203,20	114,30	29,360	69,85	PHS 160-1C35
		40	675,89	A	38,10	–	–	–	–	29,360	62,60	PHS 160-1A40
			675,89	C	–	38,10	139,70	203,20	114,30	29,360	88,90	PHS 160-1C40
		45	756,92	A	38,10	–	–	–	–	29,360	92,53	PHS 160-1A45
			756,92	C	–	38,10	139,70	203,20	127,00	29,360	106,14	PHS 160-1C45
		54	902,72	A	38,10	–	–	–	–	29,360	133,36	PHS 160-1A54
			902,72	C	–	38,10	139,70	203,20	127,00	29,360	125,19	PHS 160-1C54
		60	999,74	A	38,10	–	–	–	–	29,360	166,01	PHS 160-1A60
			999,74	C	–	38,10	139,70	203,20	127,00	29,360	149,23	PHS 160-1C60
		70	1161,54	A	38,10	–	–	–	–	29,360	229,97	PHS 160-1A70
			1161,54	C	–	38,10	139,70	203,20	127,00	29,360	202,30	PHS 160-1C70
		80	1323,34	A	38,10	–	–	–	–	29,360	297,56	PHS 160-1A80
			1323,34	C	–	38,10	139,70	203,20	152,40	29,360	277,60	PHS 160-1C80
57,15	2¼	11	228,85	A	38,10	–	–	–	–	33,050	6,35	PHS 180-1A11
			228,85	B	–	38,10	92,08	139,70	76,20	33,050	13,15	PHS 180-1BH11
		12	247,65	A	38,10	–	–	–	–	33,050	7,26	PHS 180-1A12
			247,65	B	–	38,10	101,60	152,40	76,20	33,050	14,51	PHS 180-1BH12
		13	266,19	A	38,10	–	–	–	–	33,050	9,07	PHS 180-1A13
			266,19	B	–	38,10	117,48	171,45	79,38	33,050	18,14	PHS 180-1BH13
		14	284,73	A	38,10	–	–	–	–	33,050	10,89	PHS 180-1A14
			284,73	B	–	38,10	133,35	177,80	79,38	33,050	19,96	PHS 180-1BH14
		15	303,02	A	38,10	–	–	–	–	33,050	12,70	PHS 180-1A15
			303,02	B	–	38,10	133,35	177,80	79,38	33,050	21,77	PHS 180-1BH15
		16	321,56	A	38,10	–	–	–	–	33,050	14,51	PHS 180-1A16
			321,56	B	–	38,10	133,35	177,80	79,38	33,050	23,59	PHS 180-1BH16
		17	340,11	A	38,10	–	–	–	–	33,050	16,78	PHS 180-1A17
			340,11	B	–	38,10	133,35	177,80	79,38	33,050	26,31	PHS 180-1BH17
		18	358,39	A	38,10	–	–	–	–	33,050	19,50	PHS 180-1A18
			358,39	B	–	38,10	133,35	177,80	79,38	33,050	28,58	PHS 180-1BH18
		19	376,68	A	38,10	–	–	–	–	33,050	21,32	PHS 180-1A19
			376,68	B	–	38,10	136,53	190,50	85,73	33,050	33,57	PHS 180-1BH19
		20	395,22	A	38,10	–	–	–	–	33,050	24,04	PHS 180-1A20
			395,22	B	–	38,10	136,53	190,50	85,73	33,050	36,74	PHS 180-1BH20
		21	413,51	A	38,10	–	–	–	–	33,050	25,85	PHS 180-1A21
			413,51	B	–	38,10	136,53	190,50	85,73	33,050	37,65	PHS 180-1BH21
		22	431,80	A	38,10	–	–	–	–	33,050	28,12	PHS 180-1A22
			431,80	B	–	38,10	136,53	190,50	85,73	33,050	41,73	PHS 180-1BH22
23	450,09	A	38,10	–	–	–	–	33,050	31,30	PHS 180-1A23		
	450,09	B	–	38,10	136,53	190,50	85,73	33,050	44,91	PHS 180-1BH23		
		24	468,38	A	38,10	–	–	–	–	33,050	34,93	PHS 180-1A24

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ANSI sprockets, simplex, pilot bore

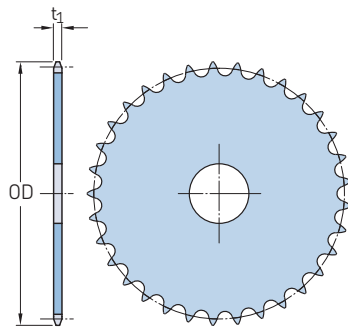
ANSI 180-1 · 57,15 mm (2¼") pitch | ANSI 200-1 · 63,50 mm (2½") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore stock	Bore		Hub		Plate thickness t ₁	Mass	Designation
						Min.	Max.	H	L			
mm	in.	–	mm	–	mm						kg	–
57,15	2¼	24	468,38	B	–	38,10	136,53	190,50	85,73	33,050	47,63	PHS 180-1BH24
		25	486,66	A	38,10	–	–	–	–	33,050	38,10	PHS 180-1A25
			486,66	B	–	38,10	136,53	190,50	85,73	33,050	51,26	PHS 180-1BH25
		28	541,53	A	38,10	–	–	–	–	33,050	47,17	PHS 180-1A28
			541,53	B	–	38,10	139,70	203,20	88,90	33,050	61,23	PHS 180-1B28
		30	578,10	A	38,10	–	–	–	–	33,050	54,43	PHS 180-1A30
			578,10	C	–	38,10	146,05	215,90	111,13	33,050	81,65	PHS 180-1C30
		35	669,29	A	38,10	–	–	–	–	33,050	78,02	PHS 180-1A35
			669,29	C	–	38,10	146,05	215,90	111,13	33,050	100,70	PHS 180-1C35
		40	760,48	A	38,10	–	–	–	–	33,050	103,87	PHS 180-1A40
			760,48	C	–	38,10	146,05	215,90	111,13	33,050	122,47	PHS 180-1C40
		45	851,66	A	38,10	–	–	–	–	33,050	128,82	PHS 180-1A45
			851,66	C	–	38,10	152,40	228,60	127,00	33,050	142,88	PHS 180-1C45
		54	1015,49	A	38,10	–	–	–	–	33,050	190,51	PHS 180-1A54
			1015,49	C	–	38,10	152,40	228,60	127,00	33,050	216,36	PHS 180-1C54
63,50	2½	10	1124,71	A	38,10	–	–	–	–	33,050	229,06	PHS 180-1A60
			1124,71	C	–	38,10	165,10	241,30	136,53	33,050	221,81	PHS 180-1C60
		11	233,68	A	38,10	–	–	–	–	35,280	7,26	PHS 200-1A10
			233,68	B	–	38,10	95,25	139,70	76,20	35,280	11,79	PHS 200-1BH10
		12	254,51	A	38,10	–	–	–	–	35,280	9,07	PHS 200-1A11
			254,51	B	–	38,10	101,60	152,40	76,20	35,280	14,97	PHS 200-1BH11
		13	275,08	A	38,10	–	–	–	–	35,280	10,89	PHS 200-1A12
			275,08	B	–	38,10	114,30	165,10	76,20	35,280	16,78	PHS 200-1BH12
		14	295,66	A	38,10	–	–	–	–	35,280	13,61	PHS 200-1A13
			295,66	B	–	38,10	133,35	177,80	76,20	35,280	20,87	PHS 200-1BH13
		15	316,48	A	38,10	–	–	–	–	35,280	14,51	PHS 200-1A14
			316,48	B	–	38,10	136,53	190,50	88,90	35,280	26,76	PHS 200-1BH14
		16	336,80	A	38,10	–	–	–	–	35,280	18,14	PHS 200-1A15
			336,80	B	–	38,10	136,53	190,50	88,90	35,280	29,03	PHS 200-1BH15
		17	357,38	A	38,10	–	–	–	–	35,280	20,87	PHS 200-1A16
			357,38	B	–	38,10	136,53	190,50	88,90	35,280	32,66	PHS 200-1BH16
		18	377,70	A	38,10	–	–	–	–	35,280	23,13	PHS 200-1A17
			377,70	B	–	38,10	136,53	190,50	88,90	35,280	34,47	PHS 200-1BH17
		19	398,27	A	38,10	–	–	–	–	35,280	25,85	PHS 200-1A18
			398,27	B	–	38,10	136,53	190,50	88,90	35,280	38,10	PHS 200-1BH18
		20	418,59	A	38,10	–	–	–	–	35,280	29,48	PHS 200-1A19
			418,59	B	–	38,10	136,53	190,50	88,90	35,280	41,28	PHS 200-1BH19
		21	439,17	A	38,10	–	–	–	–	35,280	32,66	PHS 200-1A20
			439,17	B	–	38,10	136,53	190,50	88,90	35,280	44,45	PHS 200-1BH20
		22	459,49	A	38,10	–	–	–	–	35,280	37,19	PHS 200-1A21
			459,49	B	–	38,10	136,53	190,50	88,90	35,280	48,08	PHS 200-1BH21
		23	479,81	A	38,10	–	–	–	–	35,280	39,92	PHS 200-1A22
			479,81	B	–	38,10	146,05	215,90	101,60	35,280	59,42	PHS 200-1BH22
		24	500,13	A	38,10	–	–	–	–	35,280	43,09	PHS 200-1A23
			500,13	B	–	38,10	146,05	215,90	101,60	35,280	61,69	PHS 200-1BH23
		25	520,45	A	38,10	–	–	–	–	35,280	47,63	PHS 200-1A24
			520,45	B	–	38,10	146,05	215,90	101,60	35,280	64,41	PHS 200-1BH24
		26	540,77	A	38,10	–	–	–	–	35,280	51,26	PHS 200-1A25
			540,77	B	–	38,10	146,05	215,90	101,60	35,280	69,40	PHS 200-1BH25
		28	561,09	A	38,10	–	–	–	–	35,280	56,25	PHS 200-1A26
			561,09	C	–	38,10	146,05	215,90	114,30	35,280	80,74	PHS 200-1C26
		30	601,73	A	38,10	–	–	–	–	35,280	65,32	PHS 200-1A28
			601,73	C	–	38,10	146,05	215,90	114,30	35,280	88,45	PHS 200-1C28
		32	642,37	A	38,10	–	–	–	–	35,280	75,75	PHS 200-1A30
			642,37	C	–	38,10	146,05	215,90	114,30	35,280	96,16	PHS 200-1C30
		35	682,75	A	38,10	–	–	–	–	35,280	88,45	PHS 200-1A32
			682,75	C	–	38,10	146,05	215,90	114,30	35,280	99,79	PHS 200-1C32
		35	743,71	A	38,10	–	–	–	–	35,280	102,97	PHS 200-1A35
			743,71	C	–	38,10	146,05	215,90	114,30	35,280	115,21	PHS 200-1C35

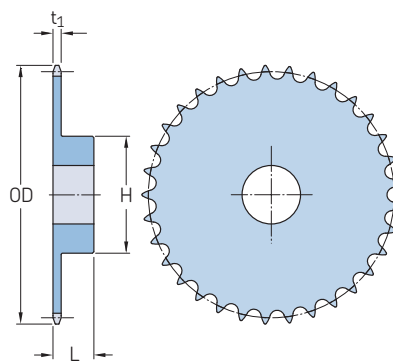
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ANSI sprockets, simplex, pilot bore

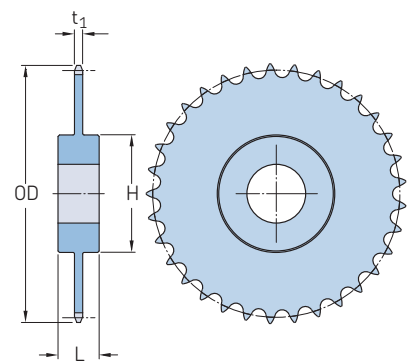
ANSI 200-1 · 63,50 mm (2½") pitch | ANSI 240-1 · 76,20 mm (3") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock	Bore Min. Max.					
63,50	2½	40	845,06	A	38,10	—	—	—	35,280	136,53	PHS 200-1A40
			845,06	C	—	38,10	152,40	228,60	35,280	145,15	PHS 200-1C40
		45	946,15	A	38,10	—	—	—	35,280	176,90	PHS 200-1A45
			946,15	C	—	38,10	152,40	228,60	35,280	165,11	PHS 200-1C45
		54	1128,27	A	38,10	—	—	—	35,280	251,74	PHS 200-1A54
			1128,27	C	—	38,10	165,10	241,30	35,280	232,24	PHS 200-1C54
		60	1249,68	A	38,10	—	—	—	35,280	313,89	PHS 200-1A60
			1249,68	C	—	38,10	165,10	241,30	35,280	296,65	PHS 200-1C60
76,20	3	10	280,16	A	38,10	—	—	—	44,150	13,61	PHS 240-1A10
			280,16	B	—	38,10	114,30	165,10	44,150	22,23	PHS 240-1BH10
		11	305,31	A	38,10	—	—	—	44,150	16,78	PHS 240-1A11
			305,31	B	—	38,10	120,65	177,80	44,150	29,94	PHS 240-1BH11
		12	330,20	A	38,10	—	—	—	44,150	20,41	PHS 240-1A12
			330,20	B	—	38,10	136,53	190,50	44,150	32,66	PHS 240-1BH12
		13	354,84	A	38,10	—	—	—	44,150	24,49	PHS 240-1A13
			354,84	B	—	38,10	136,53	190,50	44,150	36,74	PHS 240-1BH13
		14	379,48	A	38,10	—	—	—	44,150	28,12	PHS 240-1A14
			379,48	B	—	38,10	136,53	190,50	44,150	39,92	PHS 240-1BH14
		15	404,11	A	38,10	—	—	—	44,150	30,84	PHS 240-1A15
			404,11	B	—	38,10	136,53	190,50	44,150	44,45	PHS 240-1BH15
		16	428,75	A	38,10	—	—	—	44,150	37,19	PHS 240-1A16
			428,75	B	—	38,10	139,70	203,20	44,150	54,43	PHS 240-1BH16
		17	453,39	A	38,10	—	—	—	44,150	42,18	PHS 240-1A17
			453,39	B	—	38,10	139,70	203,20	44,150	62,14	PHS 240-1BH17
		18	477,77	A	38,10	—	—	—	44,150	48,99	PHS 240-1A18
			477,77	B	—	38,10	139,70	203,20	44,150	64,41	PHS 240-1BH18
		19	502,41	A	38,10	—	—	—	44,150	54,43	PHS 240-1A19
			502,41	B	—	38,10	139,70	203,20	44,150	69,85	PHS 240-1BH19
		20	526,80	A	38,10	—	—	—	44,150	58,06	PHS 240-1A20
			526,80	B	—	38,10	139,70	203,20	44,150	76,66	PHS 240-1BH20
		21	551,43	A	38,10	—	—	—	44,150	67,13	PHS 240-1A21
			551,43	B	—	38,10	139,70	203,20	44,150	84,37	PHS 240-1BH21
		25	648,97	A	38,10	—	—	—	44,150	94,35	PHS 240-1A25
			648,97	B	—	38,10	139,70	203,20	44,150	115,21	PHS 240-1BH25
		30	770,64	A	38,10	—	—	—	44,150	140,61	PHS 240-1A30
			770,64	C	—	38,10	152,40	228,60	44,150	180,53	PHS 240-1C30
		35	892,30	A	38,10	—	—	—	44,150	188,69	PHS 240-1A35
			892,30	C	—	38,10	152,40	228,60	44,150	239,04	PHS 240-1C35
		40	1013,97	A	38,10	—	—	—	44,150	248,57	PHS 240-1A40
			1013,97	C	—	38,10	177,80	254,00	44,150	304,81	PHS 240-1C40
		45	1135,38	A	38,10	—	—	—	44,150	318,42	PHS 240-1A45
			1135,38	C	—	38,10	177,80	254,00	44,150	385,55	PHS 240-1C45
		54	1354,07	A	38,10	—	—	—	44,150	463,57	PHS 240-1A54

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

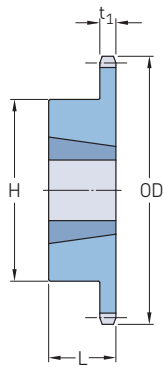
ANSI sprockets, simplex, pilot bore
ANSI 240-1 · 76,20 mm (3") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub		Plate thickness t ₁	Mass	Designation
					Bore stock	Bore Min.	Bore Max.	H	L			
mm	in.	–	mm	–	mm						kg	–
76,20	3	54	1354,07	C	–	38,10	177,80	254,00	171,45	44,150	520,72	PHS 240-1C54
		60	1499,62	A	38,10	–	–	–	–	44,150	575,15	PHS 240-1A60
			1499,62	C	–	38,10	177,80	254,00	171,45	44,150	643,65	PHS 240-1C60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, taper bushed

ANSI 35-1 · 9,53 mm ($\frac{3}{8}$ ") pitch | ANSI 41-1 · 12,70 mm ($\frac{1}{2}$ ") pitch



Type B

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t_1	Mass Rim	Bushing	Designation
			Outside OD	Pitch PD			Min.	Max.						
mm	in.	–	mm	–	–	–	mm	–	–	–	–	kg	–	–
9,53	$\frac{3}{8}$	18	59,69	54,86	B	1008	9,53	25,40	22,23	47,63	4,270	0,2	0,1	PHS 35-1TBH18
		19	62,74	57,91	B	1008	9,53	25,40	22,23	46,04	4,270	0,2	0,1	PHS 35-1TBH19
		20	65,79	60,96	B	1008	9,53	25,40	22,23	49,21	4,270	0,3	0,1	PHS 35-1TBH20
		21	68,83	64,01	B	1008	9,53	25,40	22,23	52,39	4,270	0,3	0,1	PHS 35-1TBH21
		22	73,15	66,80	B	1210	15,88	31,75	25,40	60,33	4,270	0,4	0,3	PHS 35-1TBH22
		23	74,93	69,85	B	1210	15,88	31,75	25,40	61,91	4,270	0,4	0,3	PHS 35-1TBH23
		24	77,98	72,90	B	1210	15,88	31,75	25,40	61,91	4,270	0,4	0,3	PHS 35-1TBH24
		25	81,03	75,95	B	1210	15,88	31,75	25,40	61,91	4,270	0,5	0,3	PHS 35-1TBH25
		26	84,07	78,99	B	1610	12,70	41,28	25,40	73,03	4,270	0,5	0,4	PHS 35-1TB26
		28	90,17	85,09	B	1610	12,70	41,28	25,40	73,03	4,270	0,5	0,4	PHS 35-1TB28
		30	96,27	91,19	B	1610	12,70	41,28	25,40	79,38	4,270	0,5	0,4	PHS 35-1TB30
		32	102,36	97,28	B	1610	12,70	41,28	25,40	82,55	4,270	0,6	0,4	PHS 35-1TB32
		35	111,51	106,17	B	1610	12,70	41,28	25,40	82,55	4,270	0,6	0,4	PHS 35-1TB35
		36	114,55	109,22	B	1610	12,70	41,28	25,40	82,55	4,270	0,6	0,4	PHS 35-1TB36
		40	126,75	121,67	B	1610	12,70	41,28	25,40	82,55	4,270	0,9	0,4	PHS 35-1TB40
		42	132,84	127,51	B	1610	12,70	41,28	25,40	82,55	4,270	0,9	0,4	PHS 35-1TB42
		45	141,99	136,65	B	1610	12,70	41,28	25,40	82,55	4,270	1,0	0,4	PHS 35-1TB45
		48	151,13	145,54	B	1610	12,70	41,28	25,40	82,55	4,270	1,0	0,4	PHS 35-1TB48
		54	169,16	163,83	B	1610	12,70	41,28	25,40	82,55	4,270	1,2	0,4	PHS 35-1TB54
		60	187,45	182,12	B	1610	12,70	41,28	25,40	82,55	4,270	1,4	0,4	PHS 35-1TB60
		70	217,68	212,34	B	1610	12,70	41,28	25,40	82,55	4,270	1,7	0,4	PHS 35-1TB70
		72	223,77	218,44	B	1610	12,70	41,28	25,40	82,55	4,270	1,8	0,4	PHS 35-1TB72
		80	248,16	242,57	B	1610	12,70	41,28	25,40	82,55	4,270	2,0	0,4	PHS 35-1TB80
		84	260,35	254,76	B	1610	12,70	41,28	25,40	82,55	4,270	2,2	0,4	PHS 35-1TB84
		96	296,67	291,08	B	1610	12,70	41,28	25,40	82,55	4,270	2,7	0,4	PHS 35-1TB96
		112	345,19	339,60	B	1610	12,70	41,28	25,40	82,55	4,270	3,5	0,4	PHS 35-1TB112
12,70	$\frac{1}{2}$	14	63,25	57,15	B	1008	9,53	25,40	22,23	47,63	5,770	0,2	0,1	PHS 41-1TBH14
		15	67,31	60,96	B	1008	9,53	25,40	22,23	47,63	5,770	0,2	0,1	PHS 41-1TBH15
		16	71,37	63,50	B	1008	9,53	25,40	22,23	50,80	5,770	0,3	0,1	PHS 41-1TBH16
		17	75,44	69,09	B	1210	15,88	31,75	25,40	60,33	5,770	0,3	0,3	PHS 41-1TBH17
		18	79,76	73,15	B	1210	15,88	31,75	25,40	85,73	5,770	0,4	0,3	PHS 41-1TBH18
		19	83,82	77,22	B	1210	15,88	31,75	25,40	63,50	5,770	0,5	0,3	PHS 41-1TBH19
		20	87,88	81,28	B	1610	12,70	41,28	25,40	73,03	5,770	0,5	0,4	PHS 41-1TBH20
		21	91,95	85,34	B	1610	12,70	41,28	25,40	76,20	5,770	0,5	0,4	PHS 41-1TBH21
		22	96,01	89,15	B	1610	12,70	41,28	25,40	76,20	5,770	0,6	0,4	PHS 41-1TBH22
		23	100,08	93,22	B	1610	12,70	41,28	25,40	76,20	5,770	0,6	0,4	PHS 41-1TBH23
		24	104,14	97,28	B	1610	12,70	41,28	25,40	76,20	5,770	0,6	0,4	PHS 41-1TBH24
		25	108,20	101,35	B	1610	12,70	41,28	25,40	76,20	5,770	0,7	0,4	PHS 41-1TBH25
		26	112,27	105,41	B	1610	12,70	41,28	25,40	76,20	5,770	0,7	0,4	PHS 41-1TB26
		28	120,40	113,54	B	1610	12,70	41,28	25,40	76,20	5,770	0,8	0,4	PHS 41-1TB28
		30	128,52	121,41	B	1610	12,70	41,28	25,40	76,20	5,770	0,8	0,4	PHS 41-1TB30
		32	136,65	129,54	B	1610	12,70	41,28	25,40	76,20	5,770	0,9	0,4	PHS 41-1TB32
		35	148,84	141,73	B	1610	12,70	41,28	25,40	76,20	5,770	1,0	0,4	PHS 41-1TB35
		36	152,91	145,80	B	1610	12,70	41,28	25,40	76,20	5,770	1,1	0,4	PHS 41-1TB36
		40	168,91	161,80	B	1610	12,70	41,28	25,40	76,20	5,770	1,2	0,4	PHS 41-1TB40
		45	189,23	182,12	B	1610	12,70	41,28	25,40	76,20	5,770	1,6	0,4	PHS 41-1TB45
		48	201,42	194,06	B	1610	12,70	41,28	25,40	76,20	5,770	1,9	0,4	PHS 41-1TB48
		54	225,55	218,44	B	1610	12,70	41,28	25,40	76,20	5,770	2,2	0,4	PHS 41-1TB54
		60	249,94	242,57	B	1610	12,70	41,28	25,40	76,20	5,770	2,6	0,4	PHS 41-1TB60
		70	290,32	282,96	B	1610	12,70	41,28	25,40	76,20	5,770	3,4	0,4	PHS 41-1TB70
		72	298,45	291,08	B	1610	12,70	41,28	25,40	76,20	5,770	3,7	0,4	PHS 41-1TB72
		80	330,96	323,60	B	1610	12,70	41,28	25,40	76,20	5,770	4,4	0,4	PHS 41-1TB80
		96	395,48	388,11	B	1610	12,70	41,28	25,40	76,20	5,770	5,9	0,4	PHS 41-1TB96

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, simplex, taper bushed

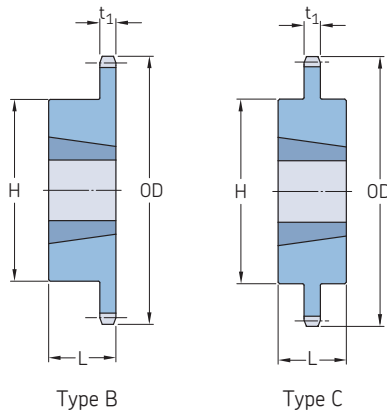
ANSI 40-1 · 12,70 mm (1/2") pitch | ANSI 50-1 · 15,88 mm (5/8") pitch | ANSI 60-1 · 19,05 mm (3/4") pitch

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
			Outside	Pitch			Bore							
			OD	PD			Min.	Max.						
mm	in.	–	mm		–	–	mm					kg	–	
12,70	1/2	14	63,25	57,15	B	1008	9,53	25,40	22,23	46,04	7,210	0,1	0,1	PHS 40-1TBH14
		15	67,31	60,96	B	1008	9,53	25,40	22,23	46,04	7,210	0,2	0,1	PHS 40-1TBH15
		16	71,37	65,02	B	1008	9,53	25,40	22,23	49,21	7,210	0,2	0,1	PHS 40-1TBH16
		17	75,69	69,09	B	1210	15,88	31,75	25,40	60,33	7,210	0,2	0,1	PHS 40-1TBH17
		18	79,50	73,15	B	1210	15,88	31,75	25,40	62,71	7,210	0,3	0,3	PHS 40-1TBH18
		19	83,82	77,22	B	1210	15,88	31,75	25,40	62,71	7,210	0,3	0,3	PHS 40-1TBH19
		20	87,88	81,28	B	1610	12,70	41,28	25,40	70,64	7,210	0,3	0,4	PHS 40-1TBH20
		21	91,95	85,34	B	1610	12,70	41,28	25,40	70,64	7,210	0,4	0,4	PHS 40-1TBH21
		22	96,01	89,15	B	1610	12,70	41,28	25,40	70,64	7,210	0,4	0,4	PHS 40-1TBH22
		23	100,08	93,22	B	1610	12,70	41,28	25,40	76,20	7,210	0,5	0,4	PHS 40-1TBH23
		24	104,14	97,28	B	1610	12,70	41,28	25,40	82,55	7,210	0,6	0,4	PHS 40-1TBH24
		25	108,20	101,35	B	1610	12,70	41,28	25,40	82,55	7,210	0,7	0,4	PHS 40-1TBH25
		26	112,27	105,41	B	1610	12,70	41,28	25,40	82,55	7,210	0,8	0,4	PHS 40-1TB26
		28	120,40	113,54	B	1610	12,70	41,28	25,40	76,20	7,210	0,8	0,4	PHS 40-1TB28
		30	128,52	121,41	B	1610	12,70	41,28	25,40	76,20	7,210	0,9	0,4	PHS 40-1TB30
		32	136,65	129,54	B	1610	12,70	41,28	25,40	76,20	7,210	0,9	0,4	PHS 40-1TB32
		35	148,84	141,73	B	1610	12,70	41,28	25,40	76,20	7,210	1,0	0,4	PHS 40-1TB35
		36	152,65	145,80	B	1610	12,70	41,28	25,40	76,20	7,210	1,1	0,4	PHS 40-1TB36
		40	168,91	161,80	B	1610	12,70	41,28	25,40	76,20	7,210	1,3	0,4	PHS 40-1TB40
		42	177,04	169,93	B	1610	12,70	41,28	25,40	76,20	7,210	1,3	0,4	PHS 40-1TB42
		45	189,23	182,12	B	1610	12,70	41,28	25,40	76,20	7,210	1,6	0,4	PHS 40-1TB45
		48	201,42	194,06	B	1610	12,70	41,28	25,40	76,20	7,210	1,8	0,4	PHS 40-1TB48
		54	225,55	218,44	B	1610	12,70	41,28	25,40	76,20	7,210	2,2	0,4	PHS 40-1TB54
		60	249,94	242,57	B	1610	12,70	41,28	25,40	76,20	7,210	2,7	0,4	PHS 40-1TB60
		70	290,32	282,96	B	2012	19,05	50,80	31,75	90,49	7,210	3,7	0,8	PHS 40-1TB70
		72	298,45	291,08	B	2012	19,05	50,80	31,75	90,49	7,210	4,1	0,8	PHS 40-1TB72
		80	330,96	323,60	B	2012	19,05	50,80	31,75	90,49	7,210	4,9	0,8	PHS 40-1TB80
		84	346,96	339,60	B	2012	19,05	50,80	31,75	90,49	7,210	5,1	0,8	PHS 40-1TB84
		96	395,48	388,11	B	2012	19,05	50,80	31,75	90,49	7,210	6,6	0,8	PHS 40-1TB96
		112	460,25	452,88	B	2517	19,05	63,50	44,45	107,95	7,210	9,3	0,8	PHS 40-1TB112
15,88	5/8	12	68,83	61,47	B	1008	9,53	25,40	22,23	49,21	8,710	0,2	0,1	PHS 50-1TBH12
		13	73,91	66,29	B	1008	9,53	25,40	22,23	46,04	8,710	0,2	0,1	PHS 50-1TBH13
		14	78,99	71,37	B	1008	9,53	25,40	22,23	49,21	8,710	0,3	0,1	PHS 50-1TBH14
		15	84,07	76,45	B	1210	15,88	31,75	25,40	62,71	8,710	0,3	0,3	PHS 50-1TBH15
		16	89,41	81,28	B	1610	12,70	41,28	25,40	70,64	8,710	0,3	0,4	PHS 50-1TBH16
		17	94,49	86,36	B	1610	12,70	41,28	25,40	70,64	8,710	0,4	0,4	PHS 50-1TBH17
		18	99,57	91,44	B	1610	12,70	41,28	25,40	70,64	8,710	0,4	0,4	PHS 50-1TBH18
		19	104,65	96,52	B	1610	12,70	41,28	25,40	76,20	8,710	0,6	0,4	PHS 50-1TBH19
		20	109,73	101,60	B	1610	12,70	41,28	25,40	82,55	8,710	0,7	0,4	PHS 50-1TBH20
		21	114,81	106,43	B	1610	12,70	41,28	25,40	76,20	8,710	0,7	0,4	PHS 50-1TBH21
		22	119,89	111,51	B	1610	12,70	41,28	25,40	76,20	8,710	0,7	0,4	PHS 50-1TBH22
		23	124,97	116,59	B	2012	19,05	50,80	31,75	90,49	8,710	0,9	0,8	PHS 50-1TBH23
		24	130,05	121,67	B	2012	19,05	50,80	31,75	90,49	8,710	1,0	0,8	PHS 50-1TBH24
		25	135,13	126,75	B	2012	19,05	50,80	31,75	90,49	8,710	1,1	0,8	PHS 50-1TBH25
		26	140,21	131,57	B	2012	19,05	50,80	31,75	90,49	8,710	1,1	0,8	PHS 50-1TB26
		27	145,29	136,65	B	2012	19,05	50,80	31,75	90,49	8,710	1,2	0,8	PHS 50-1TB27
		28	150,37	141,73	B	2012	19,05	50,80	31,75	90,49	8,710	1,3	0,8	PHS 50-1TB28
		30	160,53	151,89	B	2012	19,05	50,80	31,75	90,49	8,710	1,5	0,8	PHS 50-1TB30
		32	170,69	162,05	B	2012	19,05	50,80	31,75	90,49	8,710	1,6	0,8	PHS 50-1TB32
		35	185,93	177,04	B	2012	19,05	50,80	31,75	90,49	8,710	1,9	0,8	PHS 50-1TB35
		36	191,01	182,12	B	2012	19,05	50,80	31,75	90,49	8,710	2,0	0,8	PHS 50-1TB36
		40	211,33	202,44	B	2012	19,05	50,80	31,75	90,49	8,710	2,4	0,8	PHS 50-1TB40
		42	221,23	212,34	B	2012	19,05	50,80	31,75	90,49	8,710	2,7	0,8	PHS 50-1TB42
		45	236,47	227,58	B	2012	19,05	50,80	31,75	90,49	8,710	3,0	0,8	PHS 50-1TB45
		48	251,71	242,82	B	2012	19,05	50,80	31,75	90,49	8,710	3,3	0,8	PHS 50-1TB48
		54	282,19	273,05	B	2012	19,05	50,80	31,75	90,49	8,710	4,1	0,8	PHS 50-1TB54
		60	312,42	303,28	B	2012	19,05	50,80	31,75	90,49	8,710	4,9	0,8	PHS 50-1TB60
		70	362,97	353,82	B	2517	19,05	63,50	44,45	82,55	8,710	6,4	1,6	PHS 50-1TB70
		72	373,13	363,98	B	2517	19,05	63,50	44,45	82,55	8,710	7,0	1,6	PHS 50-1TB72
		80	413,51	404,37	B	2517	19,05	63,50	44,45	82,55	8,710	8,9	1,6	PHS 50-1TB80
		84	433,83	424,43	B	2517	19,05	63,50	44,45	82,55	8,710	10,2	1,6	PHS 50-1TB84
		96	494,54	485,14	B	2517	19,05	63,50	44,45	82,55	8,710	13,2	1,6	PHS 50-1TB96
		112	575,31	566,17	B	2517	19,05	63,50	44,45	82,55	8,710	17,6	1,6	PHS 50-1TB112
19,05	3/4	11	76,20	67,56	B	1008	9,53	25,40	22,23	46,04	11,660	0,3	0,1	PHS 60-1TBH11
		12	82,55	73,66	B	1008	9,53	25,40	22,23	49,21	11,660	0,4	0,1	PHS 60-1TBH12
		13	88,65	79,50	B	1210	15,88	31,75	25,40	62,71	11,660	0,4	0,3	PHS 60-1TBH13
		14	95,00	85,60	B	1210	15,88	31,75	25,40	62,71	11,660	0,5	0,3	PHS 60-1TBH14
		15	101,09	91,69	B	1610	12,70	41,28	25,40	70,64	11,660	0,5	0,4	PHS 60-1TBH15
		16	107,19	97,54	B	1610	12,70	41,28	25,40	76,20	11,660	0,6	0,4	PHS 60-1TBH16
		17	113,28	103,63	B	1610	12,70	41,28	25,40	82,55	11,660	0,8	0,4	PHS 60-1TBH17
		18	119,38	109,73	B	1610	12,70	41,28	25,40	82,55	11,660	0,9	0,4	PHS 60-1TBH18
		19	125,73	115,82	B	1610	12,70	41,28	25,40	82,55	11,660	1,0	0,4	PHS 60-1TBH19
		20	131,57	121,67	B	2012	19,05	50,80	31,75	90,49	11,660	1,0	0,8	PHS 60-1TBH20

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, simplex, taper bushed

ANSI 60-1 · 19,05 mm (3/4") pitch | ANSI 80-1 · 25,40 mm (1") pitch | ANSI 100-1 · 31,75 mm (1 1/4") pitch



Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
			Outside OD	Pitch PD			Bore Min.	Max.						
mm	in.	—	mm	—	—	—	mm					kg	—	
19,05	3/4	21	137,92	127,76	B	2012	19,05	50,80	31,75	90,49	11,660	1,1	0,8	PHS 60-1TBH21
		22	144,02	133,86	B	2012	19,05	50,80	31,75	90,49	11,660	1,3	0,8	PHS 60-1TBH22
		23	150,11	139,95	B	2012	19,05	50,80	31,75	90,49	11,660	1,4	0,8	PHS 60-1TBH23
		24	156,21	146,05	B	2012	19,05	50,80	31,75	90,49	11,660	1,5	0,8	PHS 60-1TBH24
		25	162,31	151,89	B	2012	19,05	50,80	31,75	90,49	11,660	1,7	0,8	PHS 60-1TBH25
		26	168,40	157,99	B	2012	19,05	50,80	31,75	90,49	11,660	1,8	0,8	PHS 60-1TB26
		27	174,50	163,07	B	2012	19,05	50,80	31,75	90,49	11,660	1,9	0,8	PHS 60-1TB27
		28	180,59	170,18	B	2012	19,05	50,80	31,75	90,49	11,660	2,1	0,8	PHS 60-1TB28
		30	192,79	182,12	B	2012	19,05	50,80	31,75	90,49	11,660	2,4	0,8	PHS 60-1TB30
		32	204,72	194,31	B	2012	19,05	50,80	31,75	90,49	11,660	2,5	0,8	PHS 60-1TB32
		35	223,01	212,60	B	2012	19,05	50,80	31,75	90,49	11,660	2,9	0,8	PHS 60-1TB35
		36	229,11	218,69	B	2012	19,05	50,80	31,75	90,49	11,660	3,0	0,8	PHS 60-1TB36
		40	253,49	242,82	B	2012	19,05	50,80	31,75	90,49	11,660	3,8	0,8	PHS 60-1TB40
		42	265,68	255,02	B	2012	19,05	50,80	31,75	90,49	11,660	4,5	0,8	PHS 60-1TB42
		45	283,97	273,05	B	2012	19,05	50,80	31,75	90,49	11,660	5,2	0,8	PHS 60-1TB45
		48	302,01	291,34	B	2012	19,05	50,80	31,75	90,49	11,660	6,0	0,8	PHS 60-1TB48
		54	338,58	327,66	B	2517	19,05	63,50	44,45	107,95	11,660	7,8	1,6	PHS 60-1TB54
		60	374,90	363,98	B	2517	19,05	63,50	44,45	107,95	11,660	9,5	1,6	PHS 60-1TB60
		70	435,61	424,69	B	2517	19,05	63,50	44,45	107,95	11,660	12,5	1,6	PHS 60-1TB70
		72	447,80	436,63	B	2517	19,05	63,50	44,45	107,95	11,660	13,6	1,6	PHS 60-1TB72
		80	496,32	485,14	B	2517	19,05	63,50	44,45	107,95	11,660	16,5	1,6	PHS 60-1TB80
		84	520,45	509,52	B	2517	19,05	63,50	44,45	107,95	11,660	18,4	1,6	PHS 60-1TB84
25,40	1	10	93,47	82,30	B	1215	15,88	31,75	38,10	60,33	14,600	0,5	0,4	PHS 80-1TBH10
		11	101,85	90,17	B	1215	15,88	31,75	38,10	62,71	14,600	0,7	0,4	PHS 80-1TBH11
		12	109,98	98,04	B	1615	12,70	41,28	38,10	76,20	14,600	0,8	0,5	PHS 80-1TBH12
		13	118,36	106,17	B	1615	12,70	41,28	38,10	76,20	14,600	1,0	0,5	PHS 80-1TBH13
		14	126,49	114,05	B	1615	12,70	41,28	38,10	82,55	14,600	1,1	0,5	PHS 80-1TBH14
		15	134,62	122,17	B	1615	12,70	41,28	38,10	82,55	14,600	1,2	0,5	PHS 80-1TBH15
		16	143,00	130,30	B	2012	19,05	50,80	31,75	90,49	14,600	1,3	0,8	PHS 80-1TBH16
		17	151,13	138,18	B	2012	19,05	50,80	31,75	90,49	14,600	1,4	0,8	PHS 80-1TBH17
		18	159,26	146,30	B	2012	19,05	50,80	31,75	90,49	14,600	1,2	0,8	PHS 80-1TBH18
		19	167,39	154,43	B	2012	19,05	50,80	31,75	90,49	14,600	1,9	0,8	PHS 80-1TBH19
		20	175,51	162,31	B	2517	19,05	63,50	44,45	107,95	14,600	2,5	0,8	PHS 80-1TBH20
		21	183,90	170,43	B	2517	19,05	63,50	44,45	107,95	14,600	2,7	1,6	PHS 80-1TBH21
		22	191,77	178,56	B	2517	19,05	63,50	44,45	107,95	14,600	3,0	1,6	PHS 80-1TBH22
		23	200,15	186,44	B	2517	19,05	63,50	44,45	107,95	14,600	3,2	1,6	PHS 80-1TBH23
		24	208,28	194,56	B	2517	19,05	63,50	44,45	107,95	14,600	3,4	1,6	PHS 80-1TBH24
		25	216,41	202,69	B	2517	19,05	63,50	44,45	107,95	14,600	3,7	1,6	PHS 80-1TBH25
		26	224,54	210,82	B	2517	19,05	63,50	44,45	107,95	14,600	4,0	1,6	PHS 80-1TB26
		27	232,66	218,69	B	2517	19,05	63,50	44,45	107,95	14,600	4,1	1,6	PHS 80-1TB27
		28	240,54	226,82	B	2517	19,05	63,50	44,45	107,95	14,600	4,3	1,6	PHS 80-1TB28
		30	256,79	243,08	B	2517	19,05	63,50	44,45	107,95	14,600	5,2	1,6	PHS 80-1TB30
		32	273,05	259,08	B	2517	19,05	63,50	44,45	107,95	14,600	5,4	1,6	PHS 80-1TB32
		35	297,43	283,46	B	2517	19,05	63,50	44,45	107,95	14,600	6,9	1,6	PHS 80-1TB35
		36	305,56	291,34	B	2517	19,05	63,50	44,45	107,95	14,600	7,7	1,6	PHS 80-1TB36
		40	338,07	323,85	B	2517	19,05	63,50	44,45	107,95	14,600	9,5	1,6	PHS 80-1TB40
		45	378,46	364,24	B	2517	19,05	63,50	44,45	107,95	14,600	12,0	1,6	PHS 80-1TB45
		48	402,84	388,37	B	2517	19,05	63,50	44,45	107,95	14,600	13,4	1,6	PHS 80-1TB48
		54	451,36	436,88	B	2517	19,05	63,50	44,45	107,95	14,600	17,5	1,6	PHS 80-1TB54
		60	499,87	485,39	B	2517	19,05	63,50	44,45	107,95	14,600	20,4	1,6	PHS 80-1TB60
		70	580,90	566,17	B	3020	31,75	76,20	50,80	133,35	14,600	23,7	3,0	PHS 80-1TB70
		80	661,67	646,94	B	3020	31,75	76,20	50,80	133,35	14,600	31,4	3,0	PHS 80-1TB80
31,75	1 1/4	11	127,25	112,78	B	1615	12,70	41,28	38,10	76,20	17,580	1,2	0,5	PHS 100-1TBH11

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, simplex, taper bushed

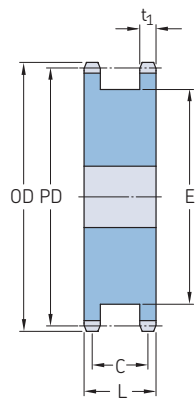
ANSI 100-1 · 31,75 mm (1¼") pitch | ANSI 120-1 · 38,10 mm (1½") pitch | ANSI 140-1 · 44,45 mm (1¾") pitch | ANSI 160-1 · 50,80 mm (2") pitch

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
			Outside	Pitch			Bore							
			OD	PD			Min.	Max.						
mm	in.	–	mm	–	–	–	mm					kg	–	
31,75	1 ¼	12	137,67	122,68	B	1615	12,70	41,28	38,10	82,55	17,580	1,6	0,5	PHS 100-1TBH12
		13	147,83	132,59	B	2012	19,05	50,80	31,75	90,49	17,580	1,6	0,8	PHS 100-1TBH13
		14	158,24	142,75	B	2012	19,05	50,80	31,75	90,49	17,580	1,8	0,8	PHS 100-1TBH14
		15	168,40	152,65	B	2517	19,05	63,50	44,45	107,95	17,580	2,3	1,6	PHS 100-1TBH15
		16	178,56	162,81	B	2517	19,05	63,50	44,45	114,30	17,580	2,9	1,6	PHS 100-1TBH16
		17	188,98	172,72	B	2517	19,05	63,50	44,45	114,30	17,580	3,2	1,6	PHS 100-1TBH17
		18	199,14	182,88	B	2517	19,05	63,50	44,45	114,30	17,580	3,5	1,6	PHS 100-1TBH18
		19	209,30	192,79	B	2517	19,05	63,50	44,45	114,30	17,580	4,0	1,6	PHS 100-1TBH19
		20	219,46	202,95	B	2517	19,05	63,50	44,45	114,30	17,580	4,4	1,6	PHS 100-1TBH20
		21	229,62	213,11	B	2517	19,05	63,50	44,45	114,30	17,580	4,8	1,6	PHS 100-1TBH21
		22	239,78	223,01	B	2517	19,05	63,50	44,45	114,30	17,580	5,0	1,6	PHS 100-1TBH22
		24	260,10	243,33	B	2517	19,05	63,50	44,45	114,30	17,580	5,9	1,6	PHS 100-1TBH24
		26	280,42	263,40	B	2517	19,05	63,50	44,45	114,30	17,580	6,8	1,6	PHS 100-1TB26
		28	300,74	283,46	B	3020	31,75	76,20	50,80	133,35	17,580	7,5	3,0	PHS 100-1TB28
		30	321,06	303,78	B	3020	31,75	76,20	50,80	133,35	17,580	10,0	3,0	PHS 100-1TB30
		32	341,38	323,85	B	3020	31,75	76,20	50,80	133,35	17,580	10,4	3,0	PHS 100-1TB32
		35	371,86	354,33	B	3020	31,75	76,20	50,80	133,35	17,580	12,7	3,0	PHS 100-1TB35
		36	382,02	364,24	B	3020	31,75	76,20	50,80	133,35	17,580	14,1	3,0	PHS 100-1TB36
		40	422,40	404,62	B	3020	31,75	76,20	50,80	133,35	17,580	16,8	3,0	PHS 100-1TB40
		45	473,20	455,17	B	3020	31,75	76,20	50,80	133,35	17,580	20,9	3,0	PHS 100-1TB45
		48	503,43	485,39	B	3020	31,75	76,20	50,80	133,35	17,580	24,0	3,0	PHS 100-1TB48
		54	564,13	546,10	B	3020	31,75	76,20	50,80	133,35	17,580	28,1	3,0	PHS 100-1TB54
		60	624,84	606,55	B	3020	31,75	76,20	50,80	133,35	17,580	32,7	3,0	PHS 100-1TB60
38,10	1 ½	12	165,10	147,32	B	2012	19,05	50,80	31,75	90,49	23,470	2,5	0,8	PHS 120-1TBH12
		13	175,26	159,26	B	2517	19,05	63,50	44,45	107,95	23,470	2,7	1,6	PHS 120-1TBH13
		14	189,74	171,20	B	2517	19,05	63,50	44,45	107,95	23,470	3,2	1,6	PHS 120-1TBH14
		15	202,18	183,13	B	2517	19,05	63,50	44,45	107,95	23,470	3,6	1,6	PHS 120-1TBH15
		16	214,38	195,33	B	3020	31,75	76,20	50,80	133,35	23,470	4,5	3,0	PHS 120-1TBH16
		17	226,57	207,26	B	3020	31,75	76,20	50,80	133,35	23,470	5,0	3,0	PHS 120-1TBH17
		18	239,01	219,46	B	3020	31,75	76,20	50,80	133,35	23,470	5,4	3,0	PHS 120-1TBH18
		19	251,21	231,39	B	3020	31,75	76,20	50,80	133,35	23,470	6,4	3,0	PHS 120-1TBH19
		20	263,40	243,59	B	3020	31,75	76,20	50,80	133,35	23,470	7,0	3,0	PHS 120-1TBH20
		21	275,59	255,52	B	3020	31,75	76,20	50,80	133,35	23,470	7,9	3,0	PHS 120-1TBH21
		24	312,17	291,85	B	3020	31,75	76,20	50,80	133,35	23,470	10,7	3,0	PHS 120-1TBH24
		26	336,55	315,98	B	3020	31,75	76,20	50,80	133,35	23,470	12,9	3,0	PHS 120-1TB26
		30	385,32	364,49	B	3020	31,75	76,20	50,80	133,35	23,470	15,2	3,0	PHS 120-1TB30
		35	446,28	424,94	C	3020	31,75	76,20	50,80	133,35	23,470	23,6	3,0	PHS 120-1TB35
		45	567,69	546,10	C	3030	31,75	76,20	76,20	149,23	23,470	37,2	4,2	PHS 120-1TB45
		60	749,81	727,96	C	3535	38,10	88,90	88,90	165,10	23,470	63,5	6,4	PHS 120-1TB60
		70	871,22	849,12	C	3535	38,10	88,90	88,90	165,10	23,470	79,4	6,4	PHS 120-1TB70
		80	992,63	970,53	C	3535	38,10	82,55	88,90	165,10	23,470	99,8	6,4	PHS 120-1TB80
44,45	1 ¾	12	192,53	171,70	B	2517	19,05	63,50	44,45	107,95	23,470	3,2	1,6	PHS 140-1TBH12
		13	207,01	185,67	B	3020	31,75	76,20	50,80	133,35	23,470	3,6	3,0	PHS 140-1TBH13
		14	221,49	199,64	B	3020	31,75	76,20	50,80	133,35	23,470	4,5	3,0	PHS 140-1TBH14
		15	235,71	213,87	B	3020	31,75	76,20	50,80	133,35	23,470	5,4	3,0	PHS 140-1TBH15
		16	250,19	227,84	B	3020	31,75	76,20	50,80	133,35	23,470	6,4	3,0	PHS 140-1TBH16
		17	264,41	241,81	B	3020	31,75	76,20	50,80	133,35	23,470	7,3	3,0	PHS 140-1TBH17
		18	278,64	256,03	B	3020	31,75	76,20	50,80	133,35	23,470	8,2	3,0	PHS 140-1TBH18
		19	293,12	270,00	B	3020	31,75	76,20	50,80	133,35	23,470	9,1	3,0	PHS 140-1TBH19
		21	321,56	298,20	B	3020	31,75	76,20	50,80	133,35	23,470	10,9	3,0	PHS 140-1TBH21
		26	392,68	368,81	B	3020	31,75	76,20	50,80	133,35	23,470	18,1	3,0	PHS 140-1TB26
		35	520,45	495,81	C	3535	38,10	88,90	88,90	165,10	23,470	35,4	6,4	PHS 140-1TB35
		45	662,43	637,29	C	4040	44,45	101,60	101,60	196,85	23,470	53,5	10,0	PHS 140-1TB45
		60	874,78	849,38	C	4040	44,45	101,60	101,60	196,85	23,470	85,3	10,0	PHS 140-1TB60
		70	1016,51	990,85	C	4040	44,45	101,60	101,60	196,85	23,470	109,3	10,0	PHS 140-1TB70
50,80	2	11	203,45	180,34	B	2517	19,05	63,50	44,45	107,95	29,360	4,1	1,6	PHS 160-1TBH11
		12	219,96	196,34	B	3020	31,75	76,20	50,80	133,35	29,360	5,0	3,0	PHS 160-1TBH12
		13	236,47	212,34	B	3020	31,75	76,20	50,80	133,35	29,360	5,9	3,0	PHS 160-1TBH13
		14	252,98	228,35	B	3020	31,75	76,20	50,80	133,35	29,360	7,3	3,0	PHS 160-1TBH14
		15	269,49	244,35	B	3535	38,10	88,90	88,90	165,10	29,360	11,3	6,4	PHS 160-1TBH15
		16	286,00	260,35	B	3535	38,10	88,90	88,90	165,10	29,360	12,7	6,4	PHS 160-1TBH16
		17	302,26	276,35	B	3535	38,10	88,90	88,90	165,10	29,360	14,5	6,4	PHS 160-1TBH17
		18	318,52	292,61	B	3535	38,10	88,90	88,90	165,10	29,360	15,9	6,4	PHS 160-1TBH18
		19	335,03	308,61	B	3535	38,10	88,90	88,90	165,10	29,360	17,7	6,4	PHS 160-1TBH19
		21	367,54	340,87	B	3535	38,10	88,90	88,90	165,10	29,360	21,8	6,4	PHS 160-1TBH21
		26	448,82	421,39	B	3535	38,10	88,90	88,90	165,10	29,360	30,8	6,4	PHS 160-1TB26
		35	594,87	566,67	C	4040	44,45	101,60	101,60	196,85	29,360	53,5	6,4	PHS 160-1TB35
		45	756,92	728,22	C	4040	44,45	101,60	101,60	196,85	29,360	84,4	10,0	PHS 160-1TB45
		60	999,74	970,79	C	4545	53,98	114,30	114,30	196,85	29,360	132,5	13,6	PHS 160-1TB60

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, double simplex, pilot bore

ANSI 40-1 · 12,70 mm (1/2") pitch | ANSI 50-1 · 15,88 mm (5/8") pitch | ANSI 60-1 · 19,05 mm (3/4") pitch |
ANSI 80-1 · 25,40 mm (1") pitch | ANSI 100-1 · 31,75 mm (1 1/4") pitch



Type A

Pitch Pitch		Number of teeth	Diameters Outside		Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation	
			OD	PD			Min.	Max.							
mm	in.	–	mm	–	mm							kg	–		
12,70	1/2	15	67,31	60,96	A	12,70	31,75	35,72	28,58	46,04	7,210	0,5	PHS 40-1DSA15		
		16	71,37	65,02	A	12,70	31,75	35,72	28,58	50,80	7,210	0,6	PHS 40-1DSA16		
		17	75,69	69,09	A	12,70	33,34	35,72	28,58	53,98	7,210	0,7	PHS 40-1DSA17		
		18	79,76	73,15	A	12,70	38,10	35,72	28,58	58,74	7,210	0,8	PHS 40-1DSA18		
		19	83,82	77,22	A	15,88	42,86	35,72	28,58	63,50	7,210	1,0	PHS 40-1DSA19		
		20	87,88	81,28	A	15,88	44,45	35,72	28,58	66,68	7,210	1,2	PHS 40-1DSA20		
		21	91,95	85,34	A	15,88	44,45	35,72	28,58	70,64	7,210	1,3	PHS 40-1DSA21		
		22	96,01	89,15	A	15,88	46,04	35,72	28,58	74,61	7,210	1,4	PHS 40-1DSA22		
		23	100,08	93,22	A	15,88	52,39	35,72	28,58	53,18	7,210	1,6	PHS 40-1DSA23		
		24	104,14	97,28	A	15,88	57,15	35,72	28,58	57,55	7,210	1,8	PHS 40-1DSA24		
		25	108,20	101,35	A	15,88	57,15	35,72	28,58	61,91	7,210	2,0	PHS 40-1DSA25		
		15,88	5/8	15	84,33	76,45	A	15,88	38,10	42,07	30,16	60,33	8,710	1,0	PHS 50-1DSA15
				16	89,41	81,28	A	15,88	42,86	42,07	33,34	63,50	8,710	1,1	PHS 50-1DSA16
				17	94,49	86,36	A	15,88	44,45	42,07	33,34	68,26	8,710	1,3	PHS 50-1DSA17
				18	99,57	91,44	A	15,88	47,63	42,07	33,34	73,42	8,710	1,5	PHS 50-1DSA18
19	104,65			96,52	A	15,88	52,39	42,07	33,34	78,18	8,710	1,7	PHS 50-1DSA19		
20	109,73			101,60	A	15,88	57,15	42,07	33,34	83,34	8,710	1,9	PHS 50-1DSA20		
21	114,81			106,43	A	15,88	57,15	42,07	33,34	88,50	8,710	2,2	PHS 50-1DSA21		
22	119,89			111,51	A	15,88	61,91	42,07	33,34	93,66	8,710	2,4	PHS 50-1DSA22		
23	124,97			116,59	A	15,88	66,68	42,07	33,34	98,82	8,710	2,6	PHS 50-1DSA23		
24	130,05			121,67	A	15,88	69,85	42,07	33,34	103,58	8,710	2,9	PHS 50-1DSA24		
19,05	3/4			13	88,65	79,50	A	19,05	31,75	49,21	37,70	59,53	11,660	1,2	PHS 60-1DSA13
				14	95,00	85,60	A	19,05	33,34	49,21	37,70	65,09	11,660	1,5	PHS 60-1DSA14
				15	101,09	91,69	A	19,05	38,10	49,21	37,70	73,03	11,660	1,7	PHS 60-1DSA15
				16	107,19	97,54	A	19,05	42,86	49,21	37,70	77,39	11,660	2,0	PHS 60-1DSA16
				17	113,28	103,63	A	19,05	44,45	49,21	37,70	82,55	11,660	2,4	PHS 60-1DSA17
		18	119,38	109,73	A	19,05	47,63	49,21	37,70	88,90	11,660	3,0	PHS 60-1DSA18		
		19	125,73	115,82	A	19,05	52,39	49,21	37,70	94,06	11,660	3,1	PHS 60-1DSA19		
		20	131,83	121,67	A	19,05	57,15	49,21	37,70	100,41	11,660	3,2	PHS 60-1DSA20		
		21	137,92	127,76	A	19,05	69,85	49,21	37,70	106,36	11,660	3,4	PHS 60-1DSA21		
		22	144,02	133,86	A	19,05	69,85	49,21	37,70	112,71	11,660	5,0	PHS 60-1DSA22		
		23	150,11	139,95	A	19,05	69,85	49,21	37,70	118,27	11,660	5,2	PHS 60-1DSA23		
		24	156,21	146,05	A	19,05	69,85	49,21	37,70	131,76	11,660	5,4	PHS 60-1DSA24		
		25,40	1	13	118,36	106,17	A	25,40	50,80	55,56	41,28	76,60	14,600	3,0	PHS 80-1DSA13
				14	126,49	114,05	A	25,40	57,15	55,56	41,28	84,93	14,600	3,5	PHS 80-1DSA14
				15	134,62	122,17	A	25,40	60,33	55,56	41,28	96,84	14,600	4,1	PHS 80-1DSA15
16	143,00			130,30	A	25,40	68,26	55,56	41,28	101,60	14,600	4,3	PHS 80-1DSA16		
17	151,13			138,18	A	25,40	71,44	55,56	41,28	109,54	14,600	4,9	PHS 80-1DSA17		
18	159,26			146,30	A	25,40	79,38	55,56	41,28	117,87	14,600	5,5	PHS 80-1DSA18		
19	167,39			154,43	A	25,40	82,55	55,56	41,28	125,81	14,600	5,8	PHS 80-1DSA19		
20	175,51			162,31	A	25,40	88,90	55,56	41,28	134,14	14,600	6,4	PHS 80-1DSA20		
21	183,90			170,43	A	25,40	95,25	55,56	41,28	142,08	14,600	7,5	PHS 80-1DSA21		
22	192,02			178,56	A	25,40	98,43	55,56	41,28	150,42	14,600	8,4	PHS 80-1DSA22		
23	200,15			186,44	A	25,40	98,43	55,56	41,28	158,35	14,600	9,3	PHS 80-1DSA23		
31,75	1 1/4			13	147,83	132,59	A	25,40	63,50	68,26	50,80	96,04	17,580	5,1	PHS 100-1DSA13
				14	158,24	142,75	A	31,75	69,85	68,26	50,80	106,36	17,580	6,1	PHS 100-1DSA14
				15	168,40	152,65	A	31,75	77,79	68,26	50,80	116,68	17,580	7,6	PHS 100-1DSA15
				16	178,56	162,81	A	31,75	82,55	68,26	50,80	127,00	17,580	8,8	PHS 100-1DSA16
		17	188,98	172,72	A	31,75	92,08	68,26	50,80	137,32	17,580	9,8	PHS 100-1DSA17		
		18	199,14	182,88	A	31,75	95,25	68,26	50,80	147,24	17,580	10,4	PHS 100-1DSA18		
		19	209,30	192,79	A	31,75	106,36	68,26	50,80	157,56	17,580	11,3	PHS 100-1DSA19		
		20	219,46	202,95	A	31,75	106,36	68,26	50,80	167,88	17,580	12,0	PHS 100-1DSA20		

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSAH15.

ANSI sprockets, double simplex, pilot bore

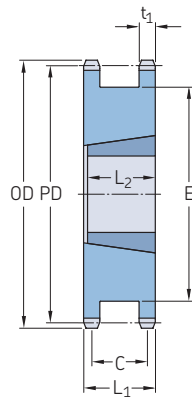
ANSI 100-1 · 31,75 mm (1¼") pitch | ANSI 120-1 · 38,10 mm (1½") pitch | ANSI 140-1 · 44,45 mm (1¾") pitch |
ANSI 160-1 · 50,80 mm (2") pitch

Pitch Pitch		Number of teeth	Diameters Outside		Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
			OD	PD			Min.	Max.						
mm	in.	–	mm	mm	–	mm							kg	–
31,75	1 ¼	21	229,62	213,11	A	31,75	133,35	68,26	50,80	177,80	17,580	13,2	PHS 100-1DSA21	
38,10	1 ½	15	202,18	183,13	A	36,51	95,25	84,93	61,91	139,70	23,470	13,6	PHS 120-1DSA15	
		16	214,38	195,33	A	36,51	101,60	84,93	61,91	152,40	23,470	15,4	PHS 120-1DSA16	
		17	226,57	207,26	A	36,51	112,71	84,93	61,91	164,70	23,470	16,8	PHS 120-1DSA17	
		18	239,01	219,46	A	36,51	131,76	84,93	61,91	164,70	23,470	19,1	PHS 120-1DSA18	
		19	251,21	231,39	A	36,51	139,70	84,93	61,91	189,31	23,470	21,3	PHS 120-1DSA19	
		20	263,40	243,59	A	36,51	150,81	84,93	61,91	201,61	23,470	23,1	PHS 120-1DSA20	
44,45	1 ¾	14	221,49	199,64	A	36,51	98,43	91,68	68,26	149,23	23,470	15,9	PHS 140-1DSA14	
		15	235,71	213,87	A	36,51	112,71	91,68	68,26	163,91	23,470	19,5	PHS 140-1DSA15	
		16	250,19	227,84	A	36,51	133,35	91,68	68,26	178,20	23,470	22,2	PHS 140-1DSA16	
		17	264,41	241,81	A	36,51	141,29	91,68	68,26	192,48	23,470	26,3	PHS 140-1DSA17	
		18	278,89	256,03	A	36,51	155,58	91,68	68,26	206,77	23,470	29,9	PHS 140-1DSA18	
50,80	2	15	269,49	244,35	A	42,86	139,70	107,95	78,58	187,33	23,470	31,3	PHS 160-1DSA15	
		16	286,00	260,35	A	42,86	152,40	107,95	78,58	203,60	23,470	34,0	PHS 160-1DSA16	
		17	302,26	276,35	A	42,86	165,10	107,95	78,58	219,87	23,470	41,7	PHS 160-1DSA17	
		18	318,52	292,61	A	42,86	173,04	107,95	78,58	236,54	23,470	44,0	PHS 160-1DSA18	

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSAH15.

ANSI sprockets, double simplex, taper bushed

ANSI 40-1 · 12,70 mm (1/2") pitch | ANSI 50-1 · 15,88 mm (5/8") pitch | ANSI 60-1 · 19,05 mm (3/4") pitch |
ANSI 80-1 · 25,40 mm (1") pitch | ANSI 100-1 · 31,75 mm (1 1/4") pitch



Type A taper bush

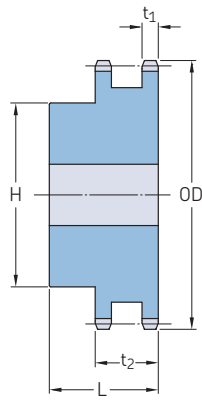
Pitch		Number of teeth	Diameters Outside		Pitch	Type	Bushing number	Dimensions Bore		L1	C	E	L2	Plate thickness t ₁	Mass ¹⁾	Designation	
	OD		PD	Min.				Max.									
mm	in.		—	mm				—	—						mm		
12,70	1/2	18	79,76	73,15	A	1215	12,70	31,75	35,72	28,58	58,74	38,10	7,210	0,5		PHS 40-1DSTBH18	
		19	83,82	77,22	A	1215	12,70	31,75	35,72	28,58	63,50	38,10	7,210	0,5		PHS 40-1DSTBH19	
		20	87,88	81,28	A	1215	12,70	31,75	35,72	28,58	66,68	38,10	7,210	0,6		PHS 40-1DSTBH20	
		21	91,95	85,34	A	1615	12,70	41,28	35,72	28,58	70,64	38,10	7,210	0,6		PHS 40-1DSTBH21	
		23	100,08	93,22	A	1615	12,70	41,28	35,72	28,58	78,58	38,10	7,210	0,7		PHS 40-1DSTBH23	
	24	104,14	97,28	A	1615	12,70	41,28	35,72	28,58	82,95	38,10	7,210	0,8		PHS 40-1DSTBH24		
	15,88	5/8	16	89,41	81,28	A	1215	12,70	41,28	42,07	33,34	63,10	38,10	8,710	1,4		PHS 50-1DSTBH16
			17	94,49	86,36	A	1615	12,70	41,28	42,07	33,34	68,26	38,10	8,710	0,8		PHS 50-1DSTBH17
			18	99,57	91,44	A	1615	12,70	41,28	42,07	33,34	73,42	38,10	8,710	1,0		PHS 50-1DSTBH18
			19	104,65	96,52	A	1615	12,70	41,28	42,07	33,34	78,18	38,10	8,710	1,2		PHS 50-1DSTBH19
20			109,73	101,60	A	1615	12,70	41,28	42,07	33,34	83,34	38,10	8,710	2,3		PHS 50-1DSTBH20	
21		114,81	106,43	A	2012	12,70	50,80	42,07	33,34	88,50	31,75	8,710	1,5		PHS 50-1DSTBH21		
23		124,97	116,59	A	2012	12,70	50,80	42,07	33,34	98,82	31,75	8,710	1,7		PHS 50-1DSTBH23		
24		130,05	121,67	A	2012	12,70	50,80	42,07	33,34	103,58	31,75	8,710	1,9		PHS 50-1DSTBH24		
19,05		3/4	16	107,19	97,54	A	1615	12,70	41,28	49,21	37,70	75,80	38,10	11,660	2,0		PHS 60-1DSTBH16
			17	113,28	101,60	A	1615	12,70	41,28	49,21	37,70	81,76	38,10	11,660	2,0		PHS 60-1DSTBH17
	18		119,38	109,73	A	2012	12,70	50,80	49,21	37,70	88,11	31,75	11,660	2,3		PHS 60-1DSTBH18	
	19		125,73	115,82	A	2012	12,70	50,80	49,21	37,70	94,06	31,75	11,660	2,6		PHS 60-1DSTBH19	
	20		131,83	121,67	A	2517	12,70	63,50	49,21	37,70	100,41	44,45	11,660	2,5		PHS 60-1DSTBH20	
	21	137,92	127,76	A	2517	12,70	63,50	49,21	37,70	106,36	44,45	11,660	2,9		PHS 60-1DSTBH21		
	23	150,11	139,95	A	2517	12,70	63,50	49,21	37,70	118,67	44,45	11,660	3,3		PHS 60-1DSTBH23		
	24	156,21	146,05	A	2517	12,70	63,50	49,21	37,70	131,76	44,45	11,660	3,7		PHS 60-1DSTBH24		
	25,40	1	17	151,13	138,18	A	2517	12,70	63,50	55,56	41,28	109,54	44,45	14,600	3,5		PHS 80-1DSTBH17
			18	159,26	146,30	A	2517	12,70	63,50	55,56	41,28	120,65	44,45	14,600	4,0		PHS 80-1DSTBH18
19			167,39	154,43	A	3020	23,81	76,20	55,56	41,28	125,81	50,80	14,600	4,4		PHS 80-1DSTBH19	
20			175,51	162,31	A	3020	23,81	76,20	55,56	41,28	134,14	50,80	14,600	4,5		PHS 80-1DSTBH20	
21			183,90	170,43	A	3020	23,81	76,20	55,56	41,28	142,08	50,80	14,600	5,4		PHS 80-1DSTBH21	
22		192,02	178,56	A	3020	23,81	76,20	55,56	41,28	142,08	50,80	14,600	5,9		PHS 80-1DSTBH22		
23		200,15	186,44	A	3020	23,81	76,20	55,56	41,28	158,35	50,80	14,600	6,6		PHS 80-1DSTBH23		
31,75		1 1/4	15	168,40	152,65	A	2517	19,05	63,50	68,26	50,80	116,68	44,45	17,580	5,7		PHS 100-1DSTBH15
			16	178,56	162,81	A	2517	19,05	63,50	68,26	50,80	127,00	44,45	17,580	5,9		PHS 100-1DSTBH16
			17	188,98	172,72	A	3020	23,81	76,20	68,26	50,80	137,32	50,80	17,580	6,4		PHS 100-1DSTBH17
	18		199,14	182,88	A	3020	23,81	76,20	68,26	50,80	147,24	50,80	17,580	7,3		PHS 100-1DSTBH18	
	19		209,30	192,79	A	3020	23,81	76,20	68,26	50,80	157,56	50,80	17,580	9,1		PHS 100-1DSTBH19	
	20	219,46	202,95	A	3020	23,81	76,20	68,26	50,80	167,88	44,45	17,580	12,5		PHS 100-1DSTBH20		
	21	229,62	213,11	A	3020	23,81	76,20	68,26	50,80	177,80	50,80	17,580	12,5		PHS 100-1DSTBH21		

¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSTBH18.

ANSI sprockets, duplex, pilot bore

ANSI 35-2 · 9,53 mm ($\frac{3}{8}$ " pitch | ANSI 40-2 · 12,70 mm ($\frac{1}{2}$ " pitch



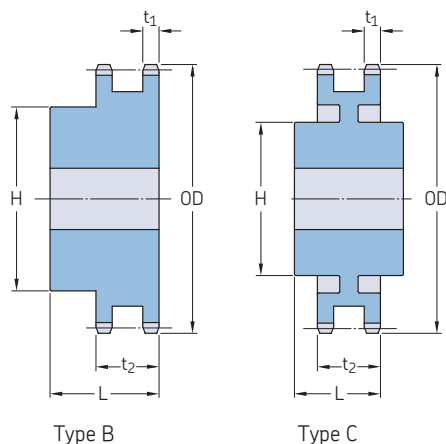
Type B

Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	—	mm	—	mm						kg	—
9,53	$\frac{3}{8}$	12	41,40	B	12,70	14,29	25,00	31,75	4,110	14,250	0,15	PHS 35-2BH12
		13	44,45	B	12,70	17,46	28,18	31,75	4,110	14,250	0,16	PHS 35-2BH13
		14	47,50	B	12,70	22,23	31,75	31,75	4,110	14,250	0,20	PHS 35-2BH14
		15	50,55	B	12,70	23,81	35,72	31,75	4,110	14,250	0,25	PHS 35-2BH15
		16	53,59	B	12,70	23,81	37,31	31,75	4,110	14,250	0,29	PHS 35-2BH16
		17	56,64	B	12,70	17,46	40,48	31,75	4,110	14,250	0,34	PHS 35-2BH17
		18	59,69	B	12,70	20,64	43,66	31,75	4,110	14,250	0,38	PHS 35-2BH18
		19	62,74	B	12,70	23,81	47,63	31,75	4,110	14,250	0,44	PHS 35-2BH19
		20	65,79	B	19,05	23,81	49,21	34,93	4,110	14,250	0,49	PHS 35-2BH20
		21	68,83	B	19,05	34,93	52,39	34,93	4,110	14,250	0,56	PHS 35-2BH21
		22	71,88	B	19,05	36,51	55,56	34,93	4,110	14,250	0,64	PHS 35-2BH22
		23	74,93	B	19,05	38,10	57,15	34,93	4,110	14,250	0,70	PHS 35-2BH23
		24	77,98	B	19,05	38,10	57,15	34,93	4,110	14,250	0,73	PHS 35-2BH24
		25	81,03	B	19,05	38,10	57,15	34,93	4,110	14,250	0,75	PHS 35-2BH25
		26	84,07	B	19,05	44,45	63,50	34,93	4,110	14,250	0,90	PHS 35-2B26
		30	96,27	B	19,05	44,45	63,50	34,93	4,110	14,250	1,06	PHS 35-2B30
		36	114,55	B	19,05	44,45	63,50	34,93	4,110	14,250	1,36	PHS 35-2B36
		42	132,84	B	19,05	44,45	63,50	34,93	4,110	14,250	1,72	PHS 35-2B42
		48	151,13	B	19,05	44,45	63,50	34,93	4,110	14,250	2,11	PHS 35-2B48
		52	163,32	B	19,05	44,45	63,50	34,93	4,110	14,250	2,45	PHS 35-2B52
		60	187,45	B	19,05	44,45	63,50	34,93	4,110	14,250	3,10	PHS 35-2B60
		68	211,84	B	19,05	60,33	88,90	38,10	4,110	14,250	4,54	PHS 35-2B68
		72	223,77	B	19,05	60,33	88,90	38,10	4,110	14,250	5,01	PHS 35-2B72
		76	235,97	B	19,05	60,33	88,90	38,10	4,110	14,250	5,42	PHS 35-2B76
		84	260,35	B	19,05	60,33	88,90	38,10	4,110	14,250	6,79	PHS 35-2B84
		95	293,62	B	25,40	60,33	88,90	38,10	4,110	14,250	7,90	PHS 35-2B95
		96	296,67	B	25,40	60,33	88,90	38,10	4,110	14,250	8,23	PHS 35-2B96
		102	314,96	B	25,40	60,33	88,90	38,10	4,110	14,250	9,04	PHS 35-2B102
12,70	$\frac{1}{2}$	11	50,80	B	12,70	19,05	36,51	38,10	6,990	21,360	0,28	PHS 40-2BH11
		12	55,12	B	12,70	23,81	39,69	38,10	6,990	21,360	0,34	PHS 40-2BH12
		13	59,18	B	12,70	25,40	38,10	38,10	6,990	21,360	0,39	PHS 40-2BH13
		14	63,25	B	12,70	28,58	42,86	38,10	6,990	21,360	0,49	PHS 40-2BH14
		15	67,31	B	12,70	31,75	46,04	38,10	6,990	21,360	0,56	PHS 40-2BH15
		16	71,37	B	15,88	34,93	50,80	38,10	6,990	21,360	0,64	PHS 40-2BH16
		17	75,69	B	15,88	36,51	53,98	38,10	6,990	21,360	0,74	PHS 40-2BH17
		18	79,76	B	15,88	38,10	58,74	38,10	6,990	21,360	0,87	PHS 40-2BH18
		19	83,82	B	15,88	44,45	63,50	38,10	6,990	21,360	1,01	PHS 40-2BH19
		20	87,88	B	15,88	47,63	66,68	41,28	6,990	21,360	1,20	PHS 40-2BH20
		21	91,95	B	15,88	47,63	69,85	41,28	6,990	21,360	1,33	PHS 40-2BH21
		22	96,01	B	15,88	47,63	73,03	41,28	6,990	21,360	1,44	PHS 40-2BH22
		23	100,08	B	15,88	50,80	76,20	41,28	6,990	21,360	1,60	PHS 40-2BH23
		24	104,14	B	15,88	57,15	82,55	41,28	6,990	21,360	1,83	PHS 40-2BH24
		25	108,20	B	15,88	57,15	82,55	41,28	6,990	21,360	1,93	PHS 40-2BH25
		26	112,27	B	15,88	57,15	82,55	41,28	6,990	21,360	2,03	PHS 40-2B26
		30	128,52	B	22,23	57,15	82,55	41,28	6,990	21,360	2,42	PHS 40-2B30
		35	148,84	B	22,23	57,15	82,55	41,28	6,990	21,360	3,08	PHS 40-2B35
		36	152,91	B	23,81	63,50	95,25	41,28	6,990	21,360	3,27	PHS 40-2B36
		40	168,91	B	23,81	63,50	95,25	44,45	6,990	21,360	4,26	PHS 40-2B40
		42	177,04	B	23,81	63,50	95,25	44,45	6,990	21,360	4,63	PHS 40-2B42
		45	189,23	B	23,81	63,50	95,25	44,45	6,990	21,360	5,15	PHS 40-2B45
		48	201,42	B	23,81	63,50	95,25	44,45	6,990	21,360	5,74	PHS 40-2B48
		52	217,68	B	23,81	63,50	95,25	44,45	6,990	21,360	6,56	PHS 40-2B52
		54	225,81	B	23,81	63,50	95,25	44,45	6,990	21,360	7,02	PHS 40-2B54

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

ANSI sprockets, duplex, pilot bore

ANSI 40-2 · 12,70 mm (1/2") pitch | ANSI 50-2 · 15,88 mm (5/8") pitch | ANSI 60-2 · 19,05 mm (3/4") pitch



Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t1	t2		
mm	in.	—	mm	—	mm						kg	—
12,70	1/2	60	249,94	B	23,81	63,50	95,25	44,45	6,990	21,360	8,44	PHS 40-2B60
		68	282,45	B	30,16	69,85	107,95	53,98	6,990	21,360	11,32	PHS 40-2B68
		72	298,45	B	30,16	69,85	107,95	53,98	6,990	21,360	12,65	PHS 40-2B72
		76	314,71	B	30,16	69,85	107,95	53,98	6,990	21,360	13,69	PHS 40-2B76
		84	346,96	B	30,16	69,85	107,95	53,98	6,990	21,360	16,44	PHS 40-2B84
		95	391,41	B	30,16	69,85	107,95	53,98	6,990	21,360	17,62	PHS 40-2B95
		96	395,48	B	30,16	69,85	107,95	53,98	6,990	21,360	17,92	PHS 40-2B96
		102	419,86	B	30,16	69,85	107,95	53,98	6,990	21,360	19,38	PHS 40-2B102
		112	460,25	B	30,16	69,85	107,95	53,98	6,990	21,360	25,19	PHS 40-2B112
15,88	5/8	11	63,50	B	15,88	23,81	37,31	44,45	8,430	26,540	0,44	PHS 50-2BH11
		12	68,83	B	15,88	28,58	42,86	44,45	8,430	26,540	0,57	PHS 50-2BH12
		13	73,91	B	15,88	33,34	47,63	44,45	8,430	26,540	0,71	PHS 50-2BH13
		14	78,99	B	15,88	34,93	52,39	44,45	8,430	26,540	0,84	PHS 50-2BH14
		15	84,33	B	19,05	38,10	58,74	44,45	8,430	26,540	1,01	PHS 50-2BH15
		16	89,41	B	19,05	44,45	63,50	44,45	8,430	26,540	1,19	PHS 50-2BH16
		17	94,49	B	19,05	47,63	68,26	44,45	8,430	26,540	1,38	PHS 50-2BH17
		18	99,57	B	19,05	49,21	74,61	44,45	8,430	26,540	1,62	PHS 50-2BH18
		19	104,65	B	25,40	53,98	79,38	44,45	8,430	26,540	1,77	PHS 50-2BH19
		20	109,73	B	25,40	57,15	82,55	44,45	8,430	26,540	1,93	PHS 50-2BH20
		21	114,81	B	25,40	60,33	88,90	44,45	8,430	26,540	2,22	PHS 50-2BH21
		22	119,89	B	25,40	60,33	90,49	47,63	8,430	26,540	2,53	PHS 50-2BH22
		23	124,97	B	25,40	63,50	92,08	47,63	8,430	26,540	2,77	PHS 50-2BH23
		24	130,05	B	25,40	63,50	92,08	47,63	8,430	26,540	2,95	PHS 50-2BH24
		25	135,13	B	25,40	63,50	92,08	47,63	8,430	26,540	3,15	PHS 50-2BH25
		26	140,21	B	25,40	63,50	95,25	47,63	8,430	26,540	3,42	PHS 50-2B26
		30	160,53	B	25,40	63,50	95,25	47,63	8,430	26,540	4,26	PHS 50-2B30
		32	170,69	B	25,40	63,50	95,25	47,63	8,430	26,540	4,74	PHS 50-2B32
		35	185,93	B	25,40	63,50	95,25	47,63	8,430	26,540	5,57	PHS 50-2B35
		36	191,01	B	30,16	69,85	101,60	53,98	8,430	26,540	6,32	PHS 50-2B36
		40	211,33	B	30,16	69,85	101,60	53,98	8,430	26,540	7,50	PHS 50-2B40
		42	221,49	B	30,16	69,85	101,60	53,98	8,430	26,540	8,13	PHS 50-2B42
		45	236,47	B	30,16	69,85	101,60	53,98	8,430	26,540	9,21	PHS 50-2B45
		48	251,71	B	30,16	69,85	107,95	60,33	8,430	26,540	10,92	PHS 50-2B48
		52	272,03	B	30,16	69,85	107,95	60,33	8,430	26,540	12,44	PHS 50-2B52
		54	282,19	B	30,16	69,85	107,95	60,33	8,430	26,540	13,23	PHS 50-2B54
		60	312,42	B	33,34	76,20	114,30	60,33	8,430	26,540	16,27	PHS 50-2B60
		68	352,81	B	33,34	76,20	114,30	60,33	8,430	26,540	20,40	PHS 50-2B68
		72	373,13	B	33,34	76,20	114,30	60,33	8,430	26,540	22,78	PHS 50-2B72
		76	393,45	B	33,34	76,20	114,30	60,33	8,430	26,540	20,70	PHS 50-2B76
		84	433,83	B	33,34	76,20	114,30	60,33	8,430	26,540	23,42	PHS 50-2B84
		95	489,46	B	33,34	76,20	114,30	60,33	8,430	26,540	29,18	PHS 50-2B95
		96	494,54	B	33,34	76,20	114,30	60,33	8,430	26,540	30,58	PHS 50-2B96
		102	524,76	B	33,34	76,20	114,30	60,33	8,430	26,540	32,97	PHS 50-2B102
		112	575,31	B	33,34	84,14	133,35	60,33	8,430	26,540	40,92	PHS 50-2B112
19,05	3/4	11	76,20	B	25,40	31,75	46,04	53,98	11,280	34,060	0,73	PHS 60-2BH11
		12	82,55	B	25,40	36,51	53,98	53,98	11,280	34,060	1,00	PHS 60-2BH12
		13	88,65	B	25,40	38,10	57,15	53,98	11,280	34,060	1,18	PHS 60-2BH13
		14	95,00	B	25,40	44,45	63,50	53,98	11,280	34,060	1,47	PHS 60-2BH14
		15	101,09	B	25,40	47,63	71,44	53,98	11,280	34,060	1,80	PHS 60-2BH15
		16	107,19	B	25,40	50,80	76,20	53,98	11,280	34,060	2,10	PHS 60-2BH16
		17	113,28	B	25,40	57,15	82,55	53,98	11,280	34,060	2,45	PHS 60-2BH17
		18	119,38	B	25,40	60,33	88,90	53,98	11,280	34,060	2,83	PHS 60-2BH18
		19	125,73	B	25,40	63,50	93,66	53,98	11,280	34,060	3,18	PHS 60-2BH19
		20	131,83	B	25,40	63,50	95,25	53,98	11,280	34,060	3,50	PHS 60-2BH20

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

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

ANSI sprockets, duplex, pilot bore

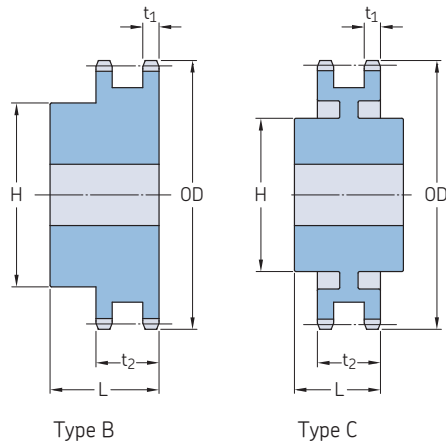
ANSI 60-2 · 19,05 mm (³/₄") pitch | ANSI 80-2 · 25,40 mm (1") pitch | ANSI 100-2 · 31,75 mm (1¹/₄") pitch |
ANSI 120-2 · 38,10 mm (1¹/₂") pitch

Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore				Plate thickness		Mass	Designation	
					Min.	Max.	H	L	t ₁	t ₂			
mm	in.	–	mm	–	mm						kg	–	
19,05	¾	21	137,92	B	25,40	69,85	104,78	53,98	11,280	34,060	4,00		PHS 60-2BH21
		22	144,02	B	25,40	69,85	107,95	53,98	11,280	34,060	4,39		PHS 60-2BH22
		23	150,11	B	25,40	69,85	107,95	53,98	11,280	34,060	4,67		PHS 60-2BH23
		24	156,21	B	25,40	69,85	107,95	53,98	11,280	34,060	5,05		PHS 60-2BH24
		25	162,31	B	25,40	69,85	107,95	53,98	11,280	34,060	5,42		PHS 60-2BH25
		26	168,40	B	25,40	69,85	107,95	53,98	11,280	34,060	5,76		PHS 60-2B26
		30	192,79	B	25,40	69,85	107,95	53,98	11,280	34,060	7,42		PHS 60-2B30
		32	204,98	B	31,75	76,20	114,30	60,33	11,280	34,060	8,85		PHS 60-2B32
		35	223,01	B	31,75	76,20	114,30	60,33	11,280	34,060	10,34		PHS 60-2B35
		36	229,11	B	31,75	76,20	114,30	60,33	11,280	34,060	10,80		PHS 60-2B36
		40	253,49	B	31,75	82,55	120,65	69,85	11,280	34,060	13,99		PHS 60-2B40
		42	265,68	B	31,75	82,55	120,65	69,85	11,280	34,060	15,00		PHS 60-2B42
		45	283,97	B	31,75	82,55	120,65	69,85	11,280	34,060	16,82		PHS 60-2B45
		52	326,39	B	31,75	82,55	120,65	69,85	11,280	34,060	22,09		PHS 60-2B52
		60	374,90	B	31,75	82,55	120,65	69,85	11,280	34,060	28,62		PHS 60-2B60
		68	423,42	C	31,75	84,14	127,00	76,20	11,280	34,060	24,35		PHS 60-2C68
		72	447,80	C	31,75	84,14	127,00	76,20	11,280	34,060	24,38		PHS 60-2C72
		76	471,93	C	31,75	84,14	127,00	76,20	11,280	34,060	27,34		PHS 60-2C76
		95	587,25	C	31,75	95,25	139,70	88,90	11,280	34,060	39,53		PHS 60-2C95
25,40	1	10	93,47	B	25,40	38,10	65,09	69,85	14,150	43,430	1,63		PHS 80-2BH10
		11	101,85	B	25,40	44,45	63,50	63,50	14,150	43,430	1,81		PHS 80-2BH11
		12	109,98	B	25,40	47,63	72,23	63,50	14,150	43,430	2,31		PHS 80-2BH12
		13	118,36	B	25,40	57,15	80,17	63,50	14,150	43,430	2,86		PHS 80-2BH13
		14	126,49	B	25,40	60,33	88,11	63,50	14,150	43,430	3,45		PHS 80-2BH14
		15	134,62	B	25,40	63,50	96,44	63,50	14,150	43,430	4,08		PHS 80-2BH15
		16	143,00	B	25,40	69,85	101,60	69,85	14,150	43,430	4,99		PHS 80-2BH16
		17	151,13	B	25,40	76,20	112,32	69,85	14,150	43,430	5,99		PHS 80-2BH17
		18	159,26	B	25,40	82,55	120,25	69,85	14,150	43,430	6,80		PHS 80-2BH18
		19	167,39	B	25,40	84,14	127,00	69,85	14,150	43,430	7,71		PHS 80-2BH19
		20	175,51	B	25,40	84,14	127,00	69,85	14,150	43,430	8,26		PHS 80-2BH20
		21	183,90	B	25,40	84,14	127,00	69,85	14,150	43,430	8,89		PHS 80-2BH21
		22	192,02	B	25,40	84,14	127,00	69,85	14,150	43,430	9,53		PHS 80-2BH22
		23	200,15	B	25,40	84,14	127,00	69,85	14,150	43,430	10,34		PHS 80-2BH23
		24	208,28	B	25,40	88,90	133,35	69,85	14,150	43,430	11,39		PHS 80-2BH24
		25	216,41	B	25,40	88,90	133,35	76,20	14,150	43,430	12,84		PHS 80-2BH25
		26	224,54	B	25,40	88,90	133,35	76,20	14,150	43,430	13,56		PHS 80-2B26
		30	256,79	B	31,75	95,25	146,05	76,20	14,150	43,430	17,92		PHS 80-2B30
		32	273,05	B	31,75	95,25	146,05	76,20	14,150	43,430	19,87		PHS 80-2B32
		35	297,43	B	31,75	95,25	146,05	76,20	14,150	43,430	22,27		PHS 80-2B35
		36	305,56	B	31,75	95,25	146,05	79,38	14,150	43,430	24,58		PHS 80-2B36
		42	354,08	B	31,75	95,25	146,05	79,38	14,150	43,430	32,43		PHS 80-2B42
		45	378,46	B	31,75	95,25	146,05	79,38	14,150	43,430	33,34		PHS 80-2B45
		52	435,10	C	38,10	95,25	146,05	95,25	14,150	43,430	35,56		PHS 80-2C52
		60	499,87	C	38,10	95,25	146,05	95,25	14,150	43,430	42,32		PHS 80-2C60
		68	564,64	C	38,10	96,84	152,40	101,60	14,150	43,430	43,64		PHS 80-2C68
		76	629,41	C	38,10	96,84	152,40	101,60	14,150	43,430	51,26		PHS 80-2C76
		95	783,08	C	38,10	101,60	152,40	107,95	14,150	43,430	74,84		PHS 80-2C95
31,75	1 ¼	9	106,17	B	25,40	41,28	60,33	73,03	16,990	52,760	2,09		PHS 100-2BH9
		10	116,84	B	25,40	47,63	69,85	73,03	16,990	52,760	2,81		PHS 100-2BH10
		11	127,25	B	25,40	53,98	79,38	73,03	16,990	52,760	3,58		PHS 100-2BH11
		12	137,67	B	28,58	57,15	85,73	73,03	16,990	52,760	4,22		PHS 100-2BH12
		13	147,83	B	28,58	63,50	96,84	73,03	16,990	52,760	5,17		PHS 100-2BH13
		14	158,24	B	28,58	69,85	106,36	73,03	16,990	52,760	6,17		PHS 100-2BH14
		15	168,40	B	31,75	79,38	117,48	79,38	16,990	52,760	7,76		PHS 100-2BH15
		16	178,56	B	31,75	84,14	127,00	79,38	16,990	52,760	9,12		PHS 100-2BH16
		17	188,98	B	31,75	88,90	133,35	79,38	16,990	52,760	10,48		PHS 100-2BH17
		18	199,14	B	31,75	88,90	133,35	79,38	16,990	52,760	11,52		PHS 100-2BH18
		19	209,30	B	31,75	95,25	139,70	85,73	16,990	52,760	13,43		PHS 100-2BH19
		20	219,46	B	31,75	95,25	139,70	85,73	16,990	52,760	14,70		PHS 100-2BH20
		21	229,62	B	31,75	95,25	139,70	85,73	16,990	52,760	16,01		PHS 100-2BH21
		22	239,78	B	31,75	95,25	139,70	85,73	16,990	52,760	17,42		PHS 100-2BH22
		23	249,94	B	31,75	95,25	139,70	85,73	16,990	52,760	18,73		PHS 100-2BH23
		24	260,35	B	31,75	95,25	146,05	85,73	16,990	52,760	20,46		PHS 100-2BH24
		25	270,51	B	31,75	95,25	146,05	85,73	16,990	52,760	22,00		PHS 100-2BH25
		26	280,67	B	38,10	95,25	146,05	85,73	16,990	52,760	23,36		PHS 100-2B26
		30	321,06	B	38,10	95,25	146,05	85,73	16,990	52,760	29,48		PHS 100-2B30
		35	371,86	C	38,10	96,84	152,40	107,95	16,990	52,760	34,02		PHS 100-2C35
		45	473,20	C	38,10	96,84	152,40	114,30	16,990	52,760	46,72		PHS 100-2C45
		60	624,84	C	38,10	136,53	190,50	127,00	16,990	52,760	79,38		PHS 100-2C60
		70	725,93	C	38,10	136,53	190,50	127,00	16,990	52,760	89,36		PHS 100-2C70
		80	827,28	C	38,10	136,53	190,50	127,00	16,990	52,760	104,78		PHS 100-2C80
38,10	1 ½	11	152,65	B	38,10	60,33	90,49	95,25	22,710	68,150	6,17		PHS 120-2BH11
		12	165,10	B	38,10	69,85	103,19	95,25	22,710	68,150	7,85		PHS 120-2BH12

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

ANSI sprockets, duplex, pilot bore

ANSI 120-2 · 38,10 mm (1½") pitch | ANSI 140-2 · 44,45 mm (1¾") pitch | ANSI 160-2 · 50,80 mm (2") pitch



Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
38,10	1½	13	177,55	B	38,10	76,20	114,30	95,25	22,710	68,150	9,57	PHS 120-2BH13
		14	189,74	B	38,10	84,14	127,00	95,25	22,710	68,150	11,61	PHS 120-2BH14
		15	202,18	B	38,10	88,90	133,35	95,25	22,710	68,150	13,56	PHS 120-2BH15
		16	214,38	B	38,10	88,90	133,35	95,25	22,710	68,150	15,33	PHS 120-2BH16
		17	226,57	B	38,10	88,90	133,35	95,25	22,710	68,150	16,74	PHS 120-2BH17
		18	239,01	B	38,10	88,90	133,35	95,25	22,710	68,150	19,01	PHS 120-2BH18
		19	251,21	B	38,10	88,90	133,35	95,25	22,710	68,150	21,09	PHS 120-2BH19
		20	263,40	B	38,10	88,90	139,70	95,25	22,710	68,150	22,77	PHS 120-2BH20
		21	275,59	B	38,10	88,90	139,70	95,25	22,710	68,150	25,22	PHS 120-2BH21
		22	287,78	B	38,10	96,84	146,05	101,60	22,710	68,150	29,03	PHS 120-2BH22
		23	299,97	B	38,10	114,30	165,10	101,60	22,710	68,150	34,02	PHS 120-2BH23
		24	312,17	B	38,10	114,30	165,10	101,60	22,710	68,150	35,83	PHS 120-2BH24
		25	324,36	B	38,10	114,30	165,10	101,60	22,710	68,150	38,10	PHS 120-2BH25
		26	336,55	B	38,10	114,30	165,10	101,60	22,710	68,150	40,82	PHS 120-2B26
		30	385,32	B	38,10	114,30	165,10	101,60	22,710	68,150	53,98	PHS 120-2B30
		35	446,28	C	38,10	136,53	190,50	152,40	22,710	71,580	67,13	PHS 120-2C35
		45	567,69	C	38,10	136,53	190,50	152,40	22,710	71,580	85,28	PHS 120-2C45
		60	749,81	C	38,10	161,93	241,30	158,75	22,710	71,580	139,25	PHS 120-2C60
44,45	1¾	13	207,01	B	41,28	84,14	127,00	95,25	22,710	71,580	13,15	PHS 140-2BH13
		14	221,49	B	41,28	95,25	139,70	95,25	22,710	71,580	15,79	PHS 140-2BH14
		15	235,71	B	41,28	114,30	165,10	95,25	22,710	71,580	19,28	PHS 140-2BH15
		16	250,19	B	41,28	133,35	177,80	101,60	22,710	71,580	21,82	PHS 140-2BH16
		17	264,41	B	41,28	133,35	177,80	101,60	22,710	71,580	26,08	PHS 140-2BH17
		18	278,89	B	44,45	133,35	177,80	101,60	22,710	71,580	29,76	PHS 140-2BH18
		19	293,12	B	44,45	133,35	177,80	101,60	22,710	71,580	32,66	PHS 140-2BH19
		20	307,34	B	44,45	133,35	177,80	101,60	22,710	71,580	34,47	PHS 140-2BH20
		21	321,56	B	44,45	133,35	177,80	101,60	22,710	71,580	37,19	PHS 140-2BH21
		22	335,79	B	44,45	133,35	177,80	101,60	22,710	71,580	42,64	PHS 140-2BH22
		23	350,01	B	44,45	133,35	177,80	101,60	22,710	71,580	45,36	PHS 140-2BH23
		24	364,24	B	44,45	133,35	177,80	101,60	22,710	71,580	47,17	PHS 140-2BH24
		25	378,46	B	44,45	133,35	177,80	101,60	22,710	71,580	54,43	PHS 140-2BH25
		26	392,68	B	44,45	133,35	177,80	101,60	22,710	71,580	58,06	PHS 140-2B26
		35	520,45	C	38,10	136,53	190,50	152,40	22,710	71,580	81,65	PHS 140-2C35
		45	662,43	C	38,10	136,53	190,50	152,40	22,710	71,580	105,23	PHS 140-2C45
		60	874,78	C	38,10	161,93	241,30	158,75	22,710	71,580	168,74	PHS 140-2C60
50,80	2	13	236,47	B	50,80	101,60	152,40	120,65	28,420	86,970	21,77	PHS 160-2BH13
		14	252,98	B	50,80	120,65	171,45	120,65	28,420	86,970	26,31	PHS 160-2BH14
		15	269,49	B	50,80	133,35	177,80	120,65	28,420	86,970	30,84	PHS 160-2BH15
		16	286,00	B	50,80	133,35	177,80	120,65	28,420	86,970	34,02	PHS 160-2BH16
		17	302,26	B	50,80	133,35	177,80	120,65	28,420	86,970	41,28	PHS 160-2BH17
		18	318,52	B	50,80	133,35	177,80	120,65	28,420	86,970	43,54	PHS 160-2BH18
		19	335,03	B	50,80	133,35	177,80	120,65	28,420	86,970	48,53	PHS 160-2BH19
		20	351,28	B	50,80	133,35	177,80	120,65	28,420	86,970	53,98	PHS 160-2BH20
		21	367,54	B	50,80	136,53	190,50	120,65	28,420	86,970	58,97	PHS 160-2BH21
		22	383,79	B	50,80	136,53	190,50	120,65	28,420	86,970	63,96	PHS 160-2BH22
		23	400,05	B	50,80	136,53	190,50	120,65	28,420	86,970	71,21	PHS 160-2BH23
		24	416,31	B	50,80	136,53	190,50	120,65	28,420	86,970	77,56	PHS 160-2BH24
		25	432,56	B	50,80	136,53	190,50	120,65	28,420	86,970	84,82	PHS 160-2BH25
		26	448,82	B	50,80	136,53	190,50	120,65	28,420	86,970	91,17	PHS 160-2B26
		35	594,87	C	38,10	171,45	241,30	168,28	28,420	86,970	138,80	PHS 160-2C35
		45	756,92	C	38,10	177,80	254,00	180,98	28,420	86,970	195,50	PHS 160-2C45
		60	999,74	C	38,10	177,80	254,00	180,98	28,420	86,970	255,83	PHS 160-2C60

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

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

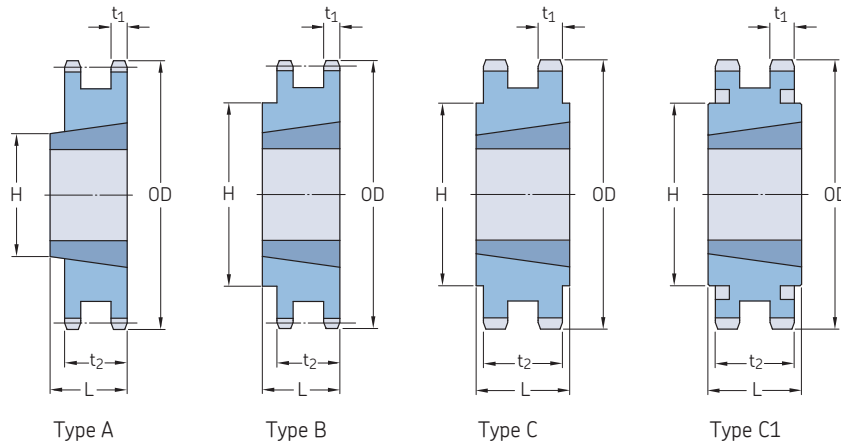
ANSI sprockets, duplex, pilot bore
ANSI 200-2 • 63,50 mm (2½") pitch

Pitch		Number of teeth	Outside diameter	Type	Dimensions				Plate thickness		Mass	Designation
					Bore		H	L				
			OD		Min.	Max.					t ₁	t ₂
mm	in.	—	mm	—	mm						kg	—
63,50	2 1/2	11	254,51	B	50,80	95,25	139,70	149,23	34,140	105,690	25,85	PHS 200-2BH11
		12	275,08	B	50,80	114,30	165,10	158,75	34,140	105,690	36,29	PHS 200-2BH12
		13	295,66	B	50,80	133,35	177,80	161,93	34,140	105,690	43,54	PHS 200-2BH13
		14	316,48	B	50,80	139,70	203,20	161,93	34,140	105,690	53,98	PHS 200-2BH14
		15	336,80	B	50,80	146,05	215,90	161,93	34,140	105,690	62,60	PHS 200-2BH15
		16	357,38	B	50,80	146,05	215,90	168,28	34,140	105,690	73,03	PHS 200-2BH16
		17	377,70	B	50,80	146,05	215,90	168,28	34,140	105,690	80,74	PHS 200-2BH17
		18	398,27	B	50,80	146,05	215,90	168,28	34,140	105,690	88,90	PHS 200-2BH18
		19	418,59	B	50,80	146,05	215,90	168,28	34,140	105,690	98,43	PHS 200-2BH19
		20	439,17	B	50,80	146,05	215,90	168,28	34,140	105,690	107,05	PHS 200-2BH20
		21	459,49	B	50,80	146,05	215,90	168,28	34,140	105,690	113,40	PHS 200-2BH21
		22	479,81	B	50,80	146,05	215,90	168,28	34,140	105,690	128,82	PHS 200-2BH22
		23	500,13	B	50,80	146,05	215,90	168,28	34,140	105,690	139,71	PHS 200-2BH23
		24	520,45	B	50,80	146,05	215,90	168,28	34,140	105,690	149,69	PHS 200-2BH24
		25	540,77	B	50,80	146,05	215,90	168,28	34,140	105,690	162,39	PHS 200-2BH25
		26	561,09	B	50,80	146,05	215,90	168,28	34,140	105,690	175,09	PHS 200-2B26
		45	946,15	C	38,10	177,80	254,00	215,90	34,140	105,690	301,64	PHS 200-2C45
		60	1249,68	C	38,10	177,80	254,00	228,60	34,140	105,690	440,89	PHS 200-2C60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

ANSI sprockets, duplex, taper bushed

ANSI 35-2 · 9,53 mm (³/₈") pitch | ANSI 40-2 · 12,70 mm (¹/₂") pitch | ANSI 50-2 · 15,88 mm (⁵/₈") pitch



Pitch		Number of teeth	Diameters		Pitch	Type	Bushing number	Dimensions		Plate thickness				Mass Rim	Bushing	Designation	
			Outside	PD				Bore	L	H	t ₁	t ₂					
													Min.				Max.
mm	in.	—	mm	—	—	mm							kg	—			
9,53	3/8	19	62,74	57,91	B	1008	9,53	25,40	22,23	46,43	4,110	14,250	0,3	0,1	PHS 35-2TBH19		
		20	65,79	60,96	B	1008	9,53	25,40	22,23	49,21	4,110	14,250	0,4	0,1	PHS 35-2TBH20		
		21	68,83	64,01	B	1008	9,53	25,40	22,23	52,39	4,110	14,250	0,6	0,1	PHS 35-2TBH21		
		22	71,88	66,80	B	1008	9,53	25,40	22,23	55,56	4,110	14,250	0,8	0,1	PHS 35-2TBH22		
		23	77,98	72,90	B	1210	15,88	31,75	25,40	61,91	4,110	14,250	0,8	0,3	PHS 35-2TBH24		
		26	84,07	78,99	B	1210	15,88	31,75	25,40	66,68	4,110	14,250	0,9	0,3	PHS 35-2TB26		
		30	96,27	91,19	B	1610	12,70	41,28	25,40	79,38	4,110	14,250	0,8	0,4	PHS 35-2TB30		
		32	102,36	97,28	B	1610	12,70	41,28	25,40	82,55	4,110	14,250	0,9	0,4	PHS 35-2TB32		
		35	111,51	106,17	B	1610	12,70	41,28	25,40	82,55	4,110	14,250	1,0	0,4	PHS 35-2TB35		
		40	126,75	121,41	B	1610	12,70	41,28	25,40	82,55	4,110	14,250	1,3	0,4	PHS 35-2TB40		
		45	141,99	136,65	B	1610	12,70	41,28	25,40	82,55	4,110	14,250	1,5	0,4	PHS 35-2TB45		
		48	151,13	145,54	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	1,6	0,4	PHS 35-2TB48		
		54	169,16	163,83	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	1,8	0,4	PHS 35-2TB54		
		60	187,45	182,12	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	2,2	0,4	PHS 35-2TB60		
		70	217,68	212,34	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	2,9	0,4	PHS 35-2TB70		
		80	248,16	242,57	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	3,6	0,4	PHS 35-2TB80		
		96	296,67	291,08	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	4,5	0,4	PHS 35-2TB96		
		112	345,19	339,60	B	1610	12,70	41,28	25,40	92,08	4,110	14,250	4,9	0,4	PHS 35-2TB112		
		12,70	1/2	15	67,31	60,96	A	1008	9,53	25,40	22,23	32,15	6,990	21,360	0,2	0,1	PHS 40-2TBH15
				16	71,37	65,02	A	1008	9,53	25,40	22,23	32,15	6,990	21,360	0,3	0,1	PHS 40-2TBH16
				17	75,69	69,09	A	1008	9,53	25,40	22,23	32,15	6,990	21,360	0,3	0,1	PHS 40-2TBH17
				18	79,50	73,15	B	1210	15,88	31,75	25,40	58,74	6,990	21,360	0,3	0,3	PHS 40-2TBH18
				19	83,82	77,22	B	1210	15,88	31,75	25,40	63,50	6,990	21,360	0,4	0,3	PHS 40-2TBH19
				20	87,88	81,28	B	1610	12,70	41,28	25,40	66,68	6,990	21,360	0,4	0,4	PHS 40-2TBH20
				21	91,95	85,34	B	1610	12,70	41,28	25,40	69,85	6,990	21,360	0,5	0,4	PHS 40-2TBH21
				23	100,08	93,22	B	1610	12,70	41,28	25,40	76,20	6,990	21,360	0,6	0,4	PHS 40-2TBH23
				25	108,20	101,35	B	2012	19,05	50,80	31,75	86,52	6,990	21,360	0,7	0,8	PHS 40-2TBH25
				30	128,52	121,41	B	2012	19,05	50,80	31,75	107,55	6,990	21,360	1,5	0,8	PHS 40-2TB30
				36	152,65	145,80	B	2012	19,05	50,80	31,75	130,97	6,990	21,360	2,7	0,8	PHS 40-2TB36
				42	177,04	169,93	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	3,2	1,6	PHS 40-2TB42
				48	201,42	194,06	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	4,4	1,6	PHS 40-2TB48
				52	217,68	210,31	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	5,2	1,6	PHS 40-2TB52
				60	249,94	242,57	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	7,0	1,6	PHS 40-2TB60
				68	282,45	275,08	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	9,3	1,6	PHS 40-2TB68
				76	314,71	307,34	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	11,7	1,6	PHS 40-2TB76
				84	346,96	339,60	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	14,3	1,6	PHS 40-2TB84
				95	391,41	384,05	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	15,5	1,6	PHS 40-2TB95
				102	419,86	412,50	C	2517	19,05	63,50	44,45	107,95	6,990	21,360	16,7	1,6	PHS 40-2TB102
15,88	5/8			14	78,99	71,37	A	1008	9,53	25,40	22,23	—	8,430	26,540	0,4	0,1	PHS 50-2TBH14
				15	84,07	76,45	A	1210	15,88	31,75	25,40	—	8,430	26,540	0,4	0,3	PHS 50-2TBH15
		16	89,41	81,28	A	1210	15,88	31,75	25,40	—	8,430	26,540	0,5	0,3	PHS 50-2TBH16		
		17	94,49	86,61	A	1610	12,70	41,28	25,40	—	8,430	26,540	0,5	0,3	PHS 50-2TBH17		
		18	99,57	91,44	A	1610	12,70	41,28	25,40	—	8,430	26,540	0,6	0,4	PHS 50-2TBH18		
		19	104,65	96,52	A	1610	12,70	41,28	25,40	—	8,430	26,540	0,7	0,4	PHS 50-2TBH19		
		20	109,73	101,60	B	2012	19,05	50,80	31,75	82,55	8,430	26,540	0,7	0,8	PHS 50-2TBH20		
		21	114,81	106,43	B	2012	19,05	50,80	31,75	88,90	8,430	26,540	0,9	0,8	PHS 50-2TBH21		
		25	135,13	126,75	B	2012	19,05	50,80	31,75	108,74	8,430	26,540	1,7	0,8	PHS 50-2TBH25		
		30	160,53	151,89	B	2517	19,05	63,50	44,45	134,14	8,430	26,540	3,4	1,6	PHS 50-2TB30		
		36	191,01	182,12	C	2517	19,05	63,50	44,45	107,95	8,430	26,540	4,3	1,6	PHS 50-2TB36		
		42	221,23	212,34	C	2517	19,05	63,50	44,45	107,95	8,430	26,540	6,1	1,6	PHS 50-2TB42		
		48	251,71	242,82	C	2517	19,05	63,50	44,45	107,95	8,430	26,540	8,4	1,6	PHS 50-2TB48		
		52	272,03	262,89	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	10,1	1,6	PHS 50-2TB52		
		60	312,42	303,28	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	13,7	1,6	PHS 50-2TB60		

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2TBH19.

ANSI sprockets, duplex, taper bushed

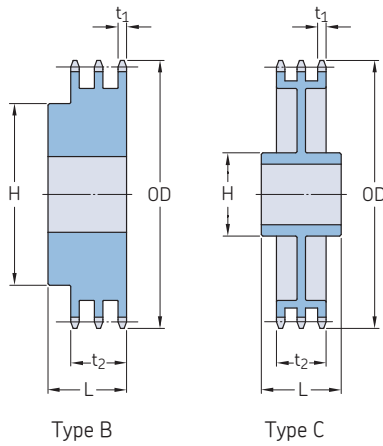
ANSI 50-2 · 15,88 mm (5/8") pitch | ANSI 60-2 · 19,05 mm (3/4") pitch | ANSI 80-2 · 25,40 mm (1") pitch

Pitch		Number of teeth	Diameters		Pitch	Type	Bushing number	Dimensions			Plate thickness		Mass Rim	Bushing	Designation	
			Outside	PD				Bore		L	H	t ₁				t ₂
								Min.	Max.							
mm	in.	—	mm		—		mm					kg		—		
15,88	5/8	68	352,81	343,66	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	17,9	1,6	PHS 50-2TB68	
		76	393,45	384,05	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	18,7	1,6	PHS 50-2TB76	
		84	433,83	424,43	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	20,6	1,6	PHS 50-2TB84	
		95	489,46	480,06	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	26,7	1,6	PHS 50-2TB95	
		102	524,76	515,62	C	2517	19,05	63,50	44,45	111,13	8,430	26,540	30,4	1,6	PHS 50-2TB102	
19,05	3/4	13	88,65	79,50	B	1215	15,88	31,75	38,10	57,15	11,280	34,060	0,5	0,7	PHS 60-2TBH13	
		14	95,00	85,60	B	1215	15,88	31,75	38,10	63,50	11,280	34,060	0,7	0,8	PHS 60-2TBH14	
		15	101,09	91,69	B	1615	12,70	41,28	38,10	71,44	11,280	34,060	0,6	0,8	PHS 60-2TBH15	
		16	107,19	97,54	B	1615	12,70	41,28	38,10	76,20	11,280	34,060	1,0	1,0	PHS 60-2TBH16	
		17	113,28	103,63	B	1615	12,70	41,28	38,10	82,55	11,280	34,060	1,1	1,3	PHS 60-2TBH17	
		18	119,38	109,73	A	2012	19,05	50,80	31,75	—	11,280	34,060	1,4	1,1	PHS 60-2TBH18	
		19	125,73	115,82	A	2012	19,05	50,80	31,75	—	11,280	34,060	1,6	1,3	PHS 60-2TBH19	
		20	131,57	121,67	B	2517	19,05	38,10	44,45	100,41	11,280	34,060	1,8	1,3	PHS 60-2TBH20	
		21	137,92	127,76	B	2517	19,05	38,10	44,45	106,36	11,280	34,060	2,3	1,7	PHS 60-2TBH21	
		25	162,31	126,49	B	2517	19,05	38,10	44,45	130,97	11,280	34,060	3,4	3,4	PHS 60-2TBH25	
		30	192,79	182,12	B	2517	19,05	38,10	44,45	161,13	11,280	34,060	6,1	6,0	PHS 60-2TB30	
		36	229,11	218,69	C	2517	19,05	38,10	44,45	107,95	11,280	34,060	7,9	7,9	PHS 60-2TB36	
		42	265,68	255,02	C	2517	19,05	38,10	44,45	107,95	11,280	34,060	11,6	11,3	PHS 60-2TB42	
		45	283,97	273,05	C	2517	19,05	38,10	44,45	107,95	11,280	34,060	13,4	13,3	PHS 60-2TB45	
		52	326,39	315,47	C	2517	19,05	38,10	44,45	107,95	11,280	34,060	18,6	18,3	PHS 60-2TB52	
		60	374,90	363,98	C1	2517	19,05	38,10	44,45	107,95	11,280	34,060	14,7	15,2	PHS 60-2TB60	
		68	423,42	412,50	C1	2517	19,05	38,10	44,45	114,30	11,280	34,060	16,6	19,6	PHS 60-2TB68	
		76	471,93	461,01	C1	3020	31,75	76,20	50,80	133,35	11,280	34,060	19,3	21,7	PHS 60-2TB76	
		95	587,25	576,07	C1	3020	31,75	76,20	50,80	133,35	11,280	34,060	22,0	31,7	PHS 60-2TB95	
		25,40	1	13	118,36	106,17	A	1615	12,70	41,28	38,10	—	14,150	43,430	1,5	0,5
14	126,49			114,05	A	2012	19,05	50,80	31,75	—	14,150	43,430	1,6	0,8	PHS 80-2TBH14	
15	134,62			122,17	A	2012	19,05	50,80	31,75	—	14,150	43,430	2,0	0,8	PHS 80-2TBH15	
16	143,00			130,30	A	2517	19,05	63,50	44,45	79,38	14,150	43,430	1,7	1,6	PHS 80-2TBH16	
17	151,13			138,18	A	2517	19,05	63,50	44,45	79,38	14,150	43,430	2,3	1,6	PHS 80-2TBH17	
18	159,26			146,30	A	2517	19,05	63,50	44,45	79,38	14,150	43,430	2,9	1,6	PHS 80-2TBH18	
19	167,39			154,43	B	3020	31,75	76,20	50,80	127,00	14,150	43,430	2,5	3,0	PHS 80-2TBH19	
20	175,51			162,31	B	3020	31,75	76,20	50,80	133,35	14,150	43,430	3,2	3,0	PHS 80-2TBH20	
21	183,90			170,43	B	3020	31,75	76,20	50,80	141,29	14,150	43,430	4,0	3,0	PHS 80-2TBH21	
25	216,41			202,69	B	3020	31,75	76,20	50,80	174,63	14,150	43,430	7,5	3,0	PHS 80-2TBH25	
30	256,79			243,08	C	3020	31,75	76,20	50,80	133,35	14,150	43,430	11,4	3,0	PHS 80-2TB30	
36	305,56			291,34	C	3020	31,75	76,20	50,80	133,35	14,150	43,430	17,9	3,0	PHS 80-2TB36	
42	354,08			340,11	C	3020	31,75	76,20	50,80	133,35	14,150	43,430	16,5	3,0	PHS 80-2TB42	
45	378,46			364,24	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	18,8	3,0	PHS 80-2TB45	
52	435,10			420,62	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	25,5	3,0	PHS 80-2TB52	
60	499,87			485,39	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	30,1	3,0	PHS 80-2TB60	
68	564,64			549,91	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	32,7	3,0	PHS 80-2TB68	
76	629,41			614,68	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	40,4	3,0	PHS 80-2TB76	
95	783,08			768,35	C1	3020	31,75	76,20	50,80	133,35	14,150	43,430	50,8	3,0	PHS 80-2TB95	

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2TBH19.

ANSI sprockets, triplex, pilot bore

ANSI 35-3 · 9,53 mm (³/₈") pitch | ANSI 40-3 · 12,70 mm (¹/₂") pitch



Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
			OD		Min.	Max.			t ₁	t ₂		
–	in.	–	mm	–	mm						kg	–
9,53	³ / ₈	13	44,45	B	12,70	17,46	28,18	44,45	4,110	24,380	0,2	PHS 35-3BH13
		14	47,50	B	12,70	22,23	31,75	44,45	4,110	24,380	0,3	PHS 35-3BH14
		15	50,55	B	12,70	23,81	35,72	44,45	4,110	24,380	0,4	PHS 35-3BH15
		16	53,59	B	12,70	23,81	37,31	44,45	4,110	24,380	0,4	PHS 35-3BH16
		17	56,64	B	12,70	17,46	40,48	44,45	4,110	24,380	0,5	PHS 35-3BH17
		18	59,69	B	12,70	20,64	43,66	44,45	4,110	24,380	0,6	PHS 35-3BH18
		19	62,74	B	12,70	23,81	47,63	44,45	4,110	24,380	0,6	PHS 35-3BH19
		20	65,79	B	19,05	23,81	49,21	47,63	4,110	24,380	0,7	PHS 35-3BH20
		21	68,83	B	19,05	34,93	52,39	47,63	4,110	24,380	0,8	PHS 35-3BH21
		22	71,88	B	19,05	36,51	55,56	47,63	4,110	24,380	0,9	PHS 35-3BH22
		23	74,93	B	19,05	38,10	57,15	47,63	4,110	24,380	1,0	PHS 35-3BH23
		24	77,98	B	19,05	38,10	57,15	47,63	4,110	24,380	1,0	PHS 35-3BH24
		25	81,03	B	19,05	38,10	57,15	47,63	4,110	24,380	1,1	PHS 35-3BH25
		26	84,07	B	19,05	38,10	63,50	47,63	4,110	24,380	1,3	PHS 35-3B26
		30	96,27	B	19,05	44,45	63,50	47,63	4,110	24,380	1,6	PHS 35-3B30
		36	114,55	B	19,05	44,45	63,50	47,63	4,110	24,380	2,1	PHS 35-3B36
		42	132,84	B	19,05	44,45	63,50	47,63	4,110	24,380	2,7	PHS 35-3B42
		48	151,13	B	19,05	44,45	63,50	47,63	4,110	24,380	3,4	PHS 35-3B48
		52	163,32	B	19,05	44,45	63,50	47,63	4,110	24,380	3,9	PHS 35-3B52
		60	187,45	B	19,05	44,45	63,50	47,63	4,110	24,380	5,1	PHS 35-3B60
		68	211,84	B	19,05	60,33	88,90	47,63	4,110	24,380	7,0	PHS 35-3B68
		72	223,77	B	19,05	60,33	88,90	47,63	4,110	24,380	7,9	PHS 35-3B72
		76	235,97	B	19,05	60,33	88,90	47,63	4,110	24,380	8,6	PHS 35-3B76
		84	260,35	B	19,05	60,33	88,90	47,63	4,110	24,380	10,4	PHS 35-3B84
		95	293,62	B	25,40	63,50	95,25	53,98	4,110	24,380	13,3	PHS 35-3B95
		96	296,67	B	25,40	63,50	95,25	53,98	4,110	24,380	13,6	PHS 35-3B96
		102	314,96	B	25,40	63,50	95,25	53,98	4,110	24,380	15,1	PHS 35-3B102
12,70	¹ / ₂	11	50,80	B	12,70	19,05	36,51	53,98	6,990	35,740	0,4	PHS 40-3BH11
		12	55,12	B	12,70	23,81	39,69	53,98	6,990	35,740	0,5	PHS 40-3BH12
		13	59,18	B	12,70	25,40	38,10	53,98	6,990	35,740	0,6	PHS 40-3BH13
		14	63,25	B	12,70	28,58	42,86	53,98	6,990	35,740	0,7	PHS 40-3BH14
		15	67,31	B	12,70	31,75	46,04	53,98	6,990	35,740	0,8	PHS 40-3BH15
		16	71,37	B	15,88	34,93	50,80	53,98	6,990	35,740	0,9	PHS 40-3BH16
		17	75,69	B	15,88	36,51	53,98	53,98	6,990	35,740	1,1	PHS 40-3BH17
		18	79,76	B	15,88	38,10	58,74	53,98	6,990	35,740	1,2	PHS 40-3BH18
		19	83,82	B	15,88	44,45	63,50	53,98	6,990	35,740	1,4	PHS 40-3BH19
		20	87,88	B	15,88	47,63	66,68	57,15	6,990	35,740	1,7	PHS 40-3BH20
		21	91,95	B	15,88	47,63	69,85	57,15	6,990	35,740	1,8	PHS 40-3BH21
		22	96,01	B	15,88	47,63	73,03	57,15	6,990	35,740	2,1	PHS 40-3BH22
		23	100,08	B	15,88	50,80	76,20	57,15	6,990	35,740	2,3	PHS 40-3BH23
		24	104,14	B	15,88	57,15	82,55	57,15	6,990	35,740	2,6	PHS 40-3BH24
		25	108,20	B	15,88	57,15	82,55	57,15	6,990	35,740	2,7	PHS 40-3BH25
		26	112,27	B	15,88	57,15	82,55	57,15	6,990	35,740	2,9	PHS 40-3B26
		30	128,52	B	22,23	57,15	82,55	57,15	6,990	35,740	3,6	PHS 40-3B30
		35	148,84	B	22,23	57,15	82,55	57,15	6,990	35,740	4,7	PHS 40-3B35
		36	152,91	B	23,81	63,50	95,25	60,33	6,990	35,740	5,3	PHS 40-3B36
		42	177,04	B	23,81	63,50	95,25	60,33	6,990	35,740	7,0	PHS 40-3B42
		48	201,42	B	23,81	63,50	95,25	60,33	6,990	35,740	8,8	PHS 40-3B48
		52	217,68	B	23,81	63,50	95,25	60,33	6,990	35,740	10,2	PHS 40-3B52
		60	249,94	B	23,81	63,50	95,25	60,33	6,990	35,740	13,6	PHS 40-3B60
		68	282,45	B	30,16	69,85	101,60	66,68	6,990	35,740	17,4	PHS 40-3B68
		72	298,45	B	30,16	69,85	101,60	66,68	6,990	35,740	19,3	PHS 40-3B72
		76	314,71	B	30,16	69,85	101,60	66,68	6,990	35,740	21,3	PHS 40-3B76

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-3BH13.

ANSI sprockets, triplex, pilot bore

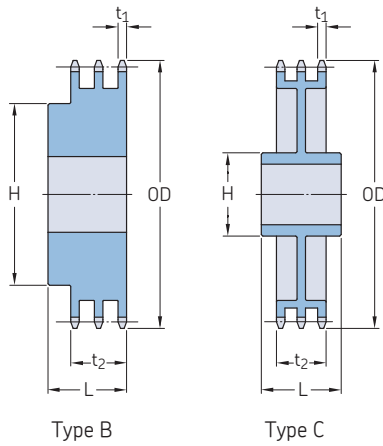
ANSI 40-3 · 12,70 mm ($\frac{1}{2}$ " pitch | ANSI 50-3 · 15,88 mm ($\frac{5}{8}$ " pitch | ANSI 60-3 · 19,05 mm ($\frac{3}{4}$ " pitch | ANSI 80-3 · 25,40 mm (1" pitch

Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
			OD		Min.	Max.			t ₁	t ₂		
—	in.	—	mm	—	mm						kg	—
12,70	$\frac{1}{2}$	84	346,96	B	30,16	69,85	107,95	69,85	6,990	35,740	26,0	PHS 40-3B84
		95	391,41	B	30,16	69,85	107,95	69,85	6,990	35,740	28,2	PHS 40-3B95
		102	419,86	B	30,16	69,85	107,95	69,85	6,990	35,740	31,0	PHS 40-3B102
15,88	$\frac{5}{8}$	11	63,50	B	15,88	23,81	37,31	63,50	8,430	44,650	0,6	PHS 50-3BH11
		12	68,83	B	15,88	28,58	42,86	63,50	8,430	44,650	0,8	PHS 50-3BH12
		13	73,91	B	15,88	33,34	47,63	63,50	8,430	44,650	1,0	PHS 50-3BH13
		14	78,99	B	15,88	34,93	52,39	63,50	8,430	44,650	1,2	PHS 50-3BH14
		15	84,33	B	19,05	38,10	58,74	63,50	8,430	44,650	1,5	PHS 50-3BH15
		16	89,41	B	19,05	44,45	63,50	63,50	8,430	44,650	1,7	PHS 50-3BH16
		17	94,49	B	19,05	47,63	68,26	63,50	8,430	44,650	2,0	PHS 50-3BH17
		18	99,57	B	19,05	49,21	74,61	63,50	8,430	44,650	2,3	PHS 50-3BH18
		19	104,65	B	25,40	53,98	79,38	63,50	8,430	44,650	2,5	PHS 50-3BH19
		20	109,73	B	25,40	57,15	82,55	66,68	8,430	44,650	2,9	PHS 50-3BH20
		21	114,81	B	25,40	60,33	88,90	66,68	8,430	44,650	3,4	PHS 50-3BH21
		22	119,89	B	25,40	60,33	90,49	66,68	8,430	44,650	3,6	PHS 50-3BH22
		23	124,97	B	25,40	63,50	92,08	66,68	8,430	44,650	4,0	PHS 50-3BH23
		24	130,05	B	25,40	63,50	92,08	66,68	8,430	44,650	4,3	PHS 50-3BH24
		25	135,13	B	25,40	63,50	92,08	66,68	8,430	44,650	4,6	PHS 50-3BH25
		26	140,21	B	25,40	63,50	95,25	66,68	8,430	44,650	5,0	PHS 50-3B26
		30	160,53	B	25,40	63,50	95,25	66,68	8,430	44,650	6,5	PHS 50-3B30
		35	185,93	B	25,40	63,50	95,25	66,68	8,430	44,650	8,6	PHS 50-3B35
		36	191,01	B	30,16	69,85	101,60	69,85	8,430	44,650	9,3	PHS 50-3B36
		42	221,49	B	30,16	69,85	101,60	69,85	8,430	44,650	12,5	PHS 50-3B42
		48	251,71	B	30,16	69,85	101,60	79,38	8,430	44,650	16,6	PHS 50-3B48
		52	272,03	B	30,16	69,85	101,60	79,38	8,430	44,650	19,3	PHS 50-3B52
		60	312,42	B	33,34	76,20	114,30	79,38	8,430	44,650	25,8	PHS 50-3B60
		68	352,81	B	33,34	76,20	114,30	79,38	8,430	44,650	33,2	PHS 50-3B68
		72	373,13	C	33,34	76,20	120,65	88,90	8,430	44,650	24,7	PHS 50-3C72
		76	393,45	C	33,34	76,20	120,65	88,90	8,430	44,650	23,2	PHS 50-3C76
		84	433,83	C	33,34	76,20	120,65	88,90	8,430	44,650	29,6	PHS 50-3C84
		95	489,46	C	33,34	76,20	120,65	95,25	8,430	44,650	33,8	PHS 50-3C95
		102	524,76	C	33,34	76,20	120,65	95,25	8,430	44,650	36,3	PHS 50-3C102
19,05	$\frac{3}{4}$	11	76,20	B	25,40	31,75	46,04	76,20	11,280	56,850	1,1	PHS 60-3BH11
		12	82,55	B	25,40	36,51	53,98	76,20	11,280	56,850	1,5	PHS 60-3BH12
		13	88,65	B	25,40	38,10	57,15	76,20	11,280	56,850	1,8	PHS 60-3BH13
		14	95,00	B	25,40	44,45	63,50	76,20	11,280	56,850	2,0	PHS 60-3BH14
		15	101,09	B	25,40	47,63	71,44	76,20	11,280	56,850	2,5	PHS 60-3BH15
		16	107,19	B	25,40	50,80	76,20	76,20	11,280	56,850	3,0	PHS 60-3BH16
		17	113,28	B	25,40	57,15	82,55	76,20	11,280	56,850	3,5	PHS 60-3BH17
		18	119,38	B	25,40	60,33	88,90	76,20	11,280	56,850	3,9	PHS 60-3BH18
		19	125,73	B	25,40	63,50	93,66	76,20	11,280	56,850	4,5	PHS 60-3BH19
		20	131,83	B	25,40	63,50	95,25	76,20	11,280	56,850	5,1	PHS 60-3BH20
		21	137,92	B	25,40	69,85	104,78	76,20	11,280	56,850	5,7	PHS 60-3BH21
		22	144,02	B	25,40	69,85	107,95	76,20	11,280	56,850	6,0	PHS 60-3BH22
		23	150,11	B	25,40	69,85	107,95	76,20	11,280	56,850	6,6	PHS 60-3BH23
		24	156,21	B	25,40	69,85	107,95	76,20	11,280	56,850	7,2	PHS 60-3BH24
		25	162,31	B	25,40	69,85	107,95	76,20	11,280	56,850	7,7	PHS 60-3BH25
		26	168,40	B	25,40	69,85	107,95	76,20	11,280	56,850	8,4	PHS 60-3B26
		30	192,79	B	25,40	69,85	107,95	76,20	11,280	56,850	10,5	PHS 60-3B30
		35	223,01	B	31,75	76,20	114,30	82,55	11,280	56,850	15,7	PHS 60-3B35
		36	229,11	B	31,75	76,20	114,30	82,55	11,280	56,850	16,8	PHS 60-3B36
		42	265,68	B	31,75	82,55	120,65	92,08	11,280	56,850	22,2	PHS 60-3B42
		45	283,97	B	31,75	82,55	120,65	92,08	11,280	56,850	25,9	PHS 60-3B45
		52	326,39	C	31,75	82,55	120,65	88,90	11,280	56,850	33,1	PHS 60-3C52
		60	374,90	C	31,75	82,55	120,65	88,90	11,280	56,850	28,6	PHS 60-3C60
		68	423,42	C	31,75	82,55	127,00	88,90	11,280	56,850	33,1	PHS 60-3C68
		72	447,80	C	31,75	82,55	127,00	88,90	11,280	56,850	38,6	PHS 60-3C72
		76	471,93	C	38,10	95,25	139,70	88,90	11,280	56,850	37,2	PHS 60-3C76
		95	587,25	C	38,10	95,25	139,70	101,60	11,280	56,850	47,6	PHS 60-3C95
25,40	1	11	101,85	B	25,40	44,45	63,50	92,08	14,150	72,720	2,7	PHS 80-3BH11
		12	109,98	B	25,40	47,63	72,23	92,08	14,150	72,720	3,4	PHS 80-3BH12
		13	118,36	B	25,40	57,15	80,17	92,08	14,150	72,720	4,2	PHS 80-3BH13
		14	126,49	B	25,40	60,33	88,11	92,08	14,150	72,720	5,0	PHS 80-3BH14
		15	134,62	B	25,40	63,50	96,44	92,08	14,150	72,720	5,9	PHS 80-3BH15
		16	143,00	B	25,40	69,85	101,60	98,43	14,150	72,720	7,2	PHS 80-3BH16
		17	151,13	B	25,40	76,20	112,32	98,43	14,150	72,720	8,4	PHS 80-3BH17
		18	159,26	B	25,40	82,55	120,25	98,43	14,150	72,720	9,6	PHS 80-3BH18
		19	167,39	B	25,40	84,14	127,00	98,43	14,150	72,720	10,8	PHS 80-3BH19
		20	175,51	B	25,40	84,14	127,00	98,43	14,150	72,720	11,8	PHS 80-3BH20
		21	183,90	B	25,40	84,14	127,00	98,43	14,150	72,720	12,9	PHS 80-3BH21
		22	192,02	B	25,40	84,14	127,00	98,43	14,150	72,720	14,1	PHS 80-3BH22
		23	200,15	B	25,40	84,14	127,00	98,43	14,150	72,720	15,2	PHS 80-3BH23
		24	208,28	B	25,40	88,90	133,35	98,43	14,150	72,720	16,8	PHS 80-3BH24

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-3BH13.

ANSI sprockets, triplex, pilot bore

ANSI 80-3 · 25,40 mm (1") pitch | ANSI 100-3 · 31,75 mm (1¼") pitch



Pitch		Number of teeth	Outside diameter	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
—	in.	—	mm	—	mm						kg	—
25,40	1	25	216,41	B	25,40	88,90	133,35	98,43	14,150	72,720	18,2	PHS 80-3BH25
		26	224,54	B	25,40	88,90	133,35	98,43	14,150	72,720	19,5	PHS 80-3B26
		30	256,79	B	31,75	95,25	146,05	107,95	14,150	72,720	24,7	PHS 80-3B30
		35	297,43	B	31,75	95,25	146,05	107,95	14,150	72,720	36,1	PHS 80-3B35
		36	305,56	B	31,75	95,25	146,05	107,95	14,150	72,720	38,1	PHS 80-3B36
		42	354,08	C	31,75	96,84	152,40	114,30	14,150	72,720	38,5	PHS 80-3C42
		45	378,46	C	31,75	96,84	152,40	114,30	14,150	72,720	41,9	PHS 80-3C45
		52	435,10	C	38,10	96,84	152,40	114,30	14,150	72,720	48,5	PHS 80-3C52
		60	499,87	C	38,10	107,95	158,75	120,65	14,150	72,720	58,1	PHS 80-3C60
		68	564,64	C	38,10	107,95	158,75	120,65	14,150	72,720	63,5	PHS 80-3C68
		76	629,41	C	38,10	107,95	158,75	120,65	14,150	72,720	74,8	PHS 80-3C76
		95	783,08	C	38,10	114,30	171,45	127,00	14,150	72,720	108,9	PHS 80-3C95
31,75	1 ¼	11	127,25	B	25,40	53,98	79,38	107,95	16,990	88,520	5,3	PHS 100-3BH11
		12	137,67	B	28,58	57,15	85,73	107,95	16,990	88,520	6,2	PHS 100-3BH12
		13	147,83	B	28,58	63,50	96,84	107,95	16,990	88,520	7,7	PHS 100-3BH13
		14	158,24	B	28,58	69,85	106,36	107,95	16,990	88,520	9,2	PHS 100-3BH14
		15	168,40	B	31,75	79,38	117,48	114,30	16,990	88,520	11,3	PHS 100-3BH15
		16	178,56	B	31,75	84,14	127,00	114,30	16,990	88,520	13,3	PHS 100-3BH16
		17	188,98	B	31,75	88,90	133,35	114,30	16,990	88,520	15,3	PHS 100-3BH17
		18	199,14	B	31,75	88,90	133,35	120,65	16,990	88,520	17,5	PHS 100-3BH18
		19	209,30	B	31,75	95,25	139,70	120,65	16,990	88,520	19,6	PHS 100-3BH19
		20	219,46	B	31,75	95,25	139,70	120,65	16,990	88,520	21,7	PHS 100-3BH20
		21	229,62	B	31,75	95,25	139,70	120,65	16,990	88,520	23,7	PHS 100-3BH21
		22	239,78	B	31,75	95,25	139,70	120,65	16,990	88,520	26,1	PHS 100-3BH22
		23	249,94	B	31,75	95,25	139,70	120,65	16,990	88,520	28,4	PHS 100-3BH23
		24	260,35	B	31,75	95,25	146,05	120,65	16,990	88,520	31,3	PHS 100-3BH24
		25	270,51	B	31,75	95,25	146,05	120,65	16,990	88,520	33,1	PHS 100-3BH25
		26	280,67	B	38,10	96,84	146,05	120,65	16,990	88,520	35,8	PHS 100-3B26
		30	321,06	B	38,10	96,84	146,05	120,65	16,990	88,520	46,7	PHS 100-3B30
		35	371,86	C	38,10	101,60	152,40	127,00	16,990	88,520	49,0	PHS 100-3C35
		45	473,20	C	38,10	101,60	152,40	127,00	16,990	88,520	64,9	PHS 100-3C45
		60	624,84	C	38,10	136,53	190,50	127,00	16,990	88,520	98,4	PHS 100-3C60
		70	725,93	C	38,10	136,53	190,50	127,00	16,990	88,520	118,8	PHS 100-3C70
		80	827,28	C	38,10	136,53	190,50	127,00	16,990	88,520	142,0	PHS 100-3C80

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