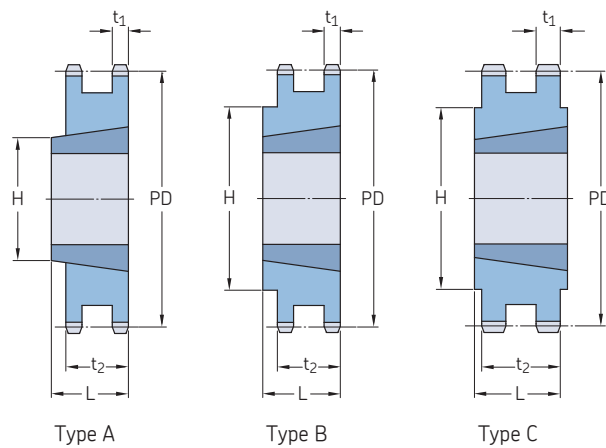


### Metric sprockets, duplex, taper bushed

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

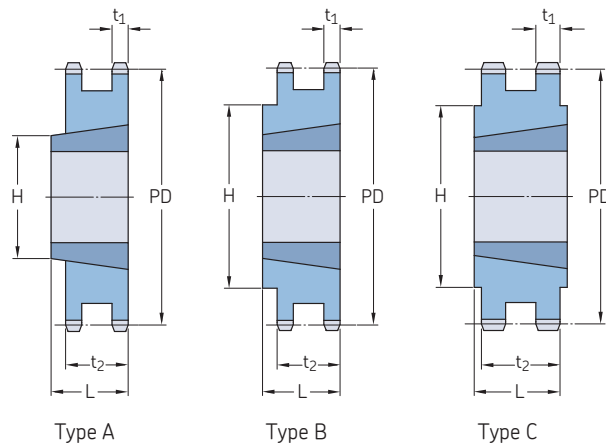


Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness		Mass Rim	Bushing	Designation	
					Min.	Max.			t <sub>1</sub>	t <sub>2</sub>				
mm	-	mm	-	-	mm						kg	-	-	
9,525	16	48,82	B	1008	9	25,4	22,0	41	5,20	15,44	0,06	0,12	PHS 06B-2TBH16	
	17	51,83	B	1008	9	25,4	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 PD	Type	Bushing number	Dimensions Bore				Plate thickness		Mass Rim	Bushing	Designation
					Min.	Max.	L	H	t <sub>1</sub>	t <sub>2</sub>			
mm	-	mm	-	-	mm				kg	-	-		
<b>12,70</b>	<b>68</b>	274,99	C	2517	16	63,5	32,0	100	7,24	21,13	4,33	1,30	PHS 08B-2TB68
	<b>70</b>	283,07	C	2517	16	63,5	32,0	100	7,24	21,13	4,46	1,30	PHS 08B-2TB70
	<b>72</b>	291,15	C	2517	16	63,5	32,0	100	7,24	21,13	4,59	1,30	PHS 08B-2TB72
	<b>76</b>	307,31	C	2012	14	50,8	32,0	100	7,24	21,13	4,72	0,59	PHS 08B-2TB76
	<b>84</b>	339,65	C	2517	16	63,5	32,0	100	7,24	21,13	6,45	1,30	PHS 08B-2TB84
	<b>95</b>	384,10	C	2012	14	50,8	32,0	100	7,24	21,13	8,18	0,59	PHS 08B-2TB95
	<b>96</b>	388,15	C	2517	16	63,5	32,0	110	7,24	21,13	9,00	1,30	PHS 08B-2TB96
	<b>114</b>	460,90	C	2517	16	63,5	45,0	110	7,24	21,13	10,50	1,30	PHS 08B-2TB114
<b>15,88</b>	<b>14</b>	71,34	A	1008	9	25,4	25,5	-	8,97	25,22	0,43	0,09	PHS 10B-2TBH14
	<b>15</b>	76,36	A	1210	11	31,8	25,5	-	8,97	25,22	0,39	0,21	PHS 10B-2TBH15
	<b>16</b>	81,37	A	1610	14	41,3	25,5	-	8,97	25,22	0,35	0,31	PHS 10B-2TBH16
	<b>17</b>	86,39	A	1610	14	41,3	25,5	-	8,97	25,22	0,46	0,31	PHS 10B-2TBH17
	<b>18</b>	91,42	A	1610	14	41,3	25,5	-	8,97	25,22	0,62	0,31	PHS 10B-2TBH18
	<b>19</b>	96,45	A	1610	14	41,3	25,5	-	8,97	25,22	0,75	0,31	PHS 10B-2TBH19
	<b>20</b>	101,49	B	1610	14	41,3	25,5	-	8,97	25,55	0,87	0,31	PHS 10B-2TBH20
	<b>21</b>	106,52	B	1610	14	41,3	25,5	-	8,97	25,55	1,05	0,31	PHS 10B-2TBH21
	<b>22</b>	111,55	B	1610	14	41,3	25,5	-	8,97	25,55	1,20	0,31	PHS 10B-2TBH22
	<b>23</b>	116,58	B	1610	14	41,3	25,5	-	8,97	25,55	1,38	0,31	PHS 10B-2TBH23
	<b>24</b>	121,62	B	2012	14	50,8	32,0	90	8,97	25,55	1,43	0,59	PHS 10B-2TBH24
	<b>25</b>	126,66	B	2012	14	50,8	32,0	90	8,97	25,55	1,62	0,59	PHS 10B-2TBH25
	<b>26</b>	131,70	B	2012	14	50,8	32,0	90	8,97	25,55	1,79	0,59	PHS 10B-2TB26
	<b>27</b>	136,75	B	2012	14	50,8	32,0	90	8,97	25,55	2,00	0,59	PHS 10B-2TB27
	<b>28</b>	141,78	B	2012	14	50,8	32,0	90	8,97	25,55	2,20	0,59	PHS 10B-2TB28
	<b>29</b>	146,83	B	2012	14	50,8	32,0	90	8,97	25,55	2,43	0,59	PHS 10B-2TB29
	<b>30</b>	151,87	B	2012	14	50,8	32,0	90	8,97	25,55	2,66	0,59	PHS 10B-2TB30
	<b>36</b>	182,15	C	2517	16	63,5	45,0	110	8,97	25,55	4,33	1,30	PHS 10B-2TB36
	<b>38</b>	192,24	C	2517	14	50,8	45,0	110	8,97	25,55	4,88	0,59	PHS 10B-2TB38
	<b>42</b>	212,44	C	2517	16	63,5	45,0	110	8,97	25,55	5,99	1,30	PHS 10B-2TB42
	<b>45</b>	227,58	C	2517	16	63,5	45,0	110	8,97	25,55	6,83	1,30	PHS 10B-2TB45
	<b>48</b>	242,73	C	2517	16	63,5	45,0	110	8,97	25,55	7,66	1,30	PHS 10B-2TB48
	<b>57</b>	288,18	C	2517	16	63,5	45,0	110	8,97	25,55	10,15	1,30	PHS 10B-2TB57
	<b>60</b>	303,32	C	2517	16	63,5	45,0	110	8,97	25,55	10,99	1,30	PHS 10B-2TB60
	<b>68</b>	343,74	C	2517	16	63,5	45,0	110	8,97	25,55	13,21	1,30	PHS 10B-2TB68
	<b>76</b>	384,16	C	2517	16	63,5	45,0	110	8,97	25,55	15,43	1,30	PHS 10B-2TB76
	<b>84</b>	424,57	C	2517	16	63,5	45,0	110	8,97	25,55	17,65	1,30	PHS 10B-2TB84
	<b>95</b>	480,14	C	2517	16	63,5	45,0	110	8,97	25,55	20,70	1,30	PHS 10B-2TB95
	<b>114</b>	576,13	C	2517	16	63,5	45,0	110	8,97	25,55	25,97	1,30	PHS 10B-2TB114
<b>19,05</b>	<b>12</b>	73,61	A	1215	11	31,8	30,3	-	10,87	30,33	0,19	0,30	PHS 12B-2TBH12
	<b>13</b>	79,59	A	1215	14	41,3	30,3	-	10,87	30,33	0,36	0,30	PHS 12B-2TBH13
	<b>14</b>	85,61	A	1215	14	41,3	30,3	-	10,87	30,33	0,53	0,30	PHS 12B-2TBH14
	<b>15</b>	91,63	A	1610	14	41,3	30,3	-	10,87	30,33	0,70	0,31	PHS 12B-2TBH15
	<b>16</b>	97,65	A	1610	14	41,3	30,3	-	10,87	30,33	0,87	0,31	PHS 12B-2TBH16
	<b>17</b>	103,67	A	1610	14	41,3	30,3	-	10,87	30,33	1,10	0,31	PHS 12B-2TBH17
	<b>18</b>	109,71	B	2012	14	50,8	31,8	90	10,87	30,33	1,05	0,59	PHS 12B-2TBH18
	<b>19</b>	115,75	B	2012	14	50,8	32,0	90	10,87	30,33	1,29	0,59	PHS 12B-2TBH19
	<b>20</b>	121,78	B	2517	16	63,5	45,0	102	10,87	30,33	1,34	1,30	PHS 12B-2TBH20
	<b>21</b>	127,82	B	2517	16	63,5	45,0	108	10,87	30,33	1,71	1,30	PHS 12B-2TBH21
	<b>22</b>	133,86	B	2517	16	63,5	45,0	108	10,87	30,33	2,03	1,30	PHS 12B-2TBH22
	<b>23</b>	139,90	B	2517	16	63,5	45,0	108	10,87	30,33	2,51	1,30	PHS 12B-2TBH23
	<b>24</b>	145,94	B	2517	16	63,5	45,0	108	10,87	30,33	2,58	1,30	PHS 12B-2TBH24
	<b>25</b>	152,00	B	2517	16	63,5	45,0	108	10,87	30,33	3,38	1,30	PHS 12B-2TBH25
	<b>26</b>	158,04	B	2517	16	63,5	45,0	108	10,87	30,33	3,24	1,30	PHS 12B-2TB26
	<b>27</b>	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 teeth, 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
					Bore		L	H	t <sub>1</sub>	t <sub>2</sub>			
					Min.	Max.							
mm	-	mm	-	-	mm	mm	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.