



# SPROCKETS CATALOG



## C.N.INDUSTRIAL PRODUCT

(AN ISO : 9001-2015, 14001:2015 & 45001:2018)

[www.cnip.in](http://www.cnip.in)

Email id : [sales@cnip.in](mailto:sales@cnip.in)

WhatsApp No : +91-9978334638

## Sprockets



Metric sprockets, simplex, pilot bore-1 to 13



Metric sprockets, simplex, taper bushed-14 to 23



Metric sprockets, double simplex, pilot bore .....



Metric sprockets, double simplex, taper bushed .....



Metric sprockets, duplex, standard



Metric sprockets, duplex, taper bushed .....



Metric sprockets, triplex, standard.



Metric sprockets, triplex, taper bushed ... ..



ANSI sprockets, simplex, pilot bore



ANSI sprockets, simplex, taper bushed ... ..



ANSI sprockets, double simplex, pilot bore . . . . .



ANSI sprockets, double simplex, taper bushed .....



ANSI sprockets, duplex, pilot bore .



ANSI sprockets, duplex, taper bushed .....



ANSI sprockets, triplex, pilot bore .



## Metric sprockets, duplex, standard

### CNIP Sprockets

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

### Sprockets

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

#### CNIP Designation prefix

**PHS 80-1 TBH 22**

#### Chain size and type

Example:

80-1 – ANSI series chain, simplex type 16B-3 – ISO/BS series chain, triplex type

#### Supplementary

Many different supplementary designations, examples  
TBH- taper bushing type and hardened teeth  
C – Hub type C  
SS – stainless steel material

#### Note

See CNIP product training for full supplementary notations

#### Teeth

The number of teeth on the sprocket

#### Supplementary

Possible other options and special requirements

### Sprockets (PHS Product Group)

All CNIP 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 teeth 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.

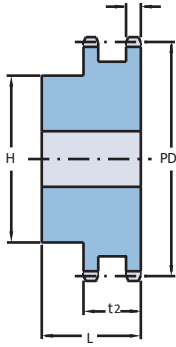
All sprockets are completely deburred and protected with rustproof oil.



**BUREAU  
VERITAS**



# CNIP SPROCKET



Type B

Metric sprockets, duplex, standard

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

t1

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions Bore		Hub		Plate thickness		Mass	Designation
				Min.	Max.	H	L	t1	t2		
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-2B35
	36	109,29	B	16	60	90	30	5,20	15,44	1,69	PHS 06B-2B36
	38	115,35	B	16	50	90	30	5,20	15,44	1,84	PHS 06B-2B38
	40	121,40	B	16	52	90	30	5,20	15,44	2,00	PHS 06B-2B40
	42	127,46	B	16	60	90	40	5,20	15,44	2,15	PHS 06B-2B42
	45	136,55	B	16	50	90	40	5,20	15,44	2,01	PHS 06B-2B45
	48	145,64	B	16	60	90	40	5,20	15,44	2,61	PHS 06B-2B48
	52	157,75	B	16	60	90	40	5,20	15,44	2,92	PHS 06B-2B52
	57	172,91	B	16	50	90	40	5,20	15,44	2,34	PHS 06B-2B57
	60	182,00	B	16	60	90	40	5,20	15,44	3,53	PHS 06B-2B60
	68	206,24	B	16	60	90	40	5,20	15,44	4,14	PHS 06B-2B68
	70	212,30	B	16	60	90	40	5,20	15,44	4,30	PHS 06B-2B70
72	218,37	B	16	60	90	40	5,20	15,44	4,45	PHS 06B-2B72	
76	230,49	B	16	50	90	40	5,20	15,44	3,35	PHS 06B-2B76	
84	254,74	B	16	60	90	40	5,20	15,44	5,37	PHS 06B-2B84	
95	288,08	B	16	62	90	40	5,20	15,44	6,21	PHS 06B-2B95	
96	291,11	B	16	62	90	40	5,20	15,44	6,29	PHS 06B-2B96	
114	345,68	B	16	62	90	40	5,20	15,44	7,67	PHS 06B-2B114	
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.

# CNIP SPROCKET

## 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

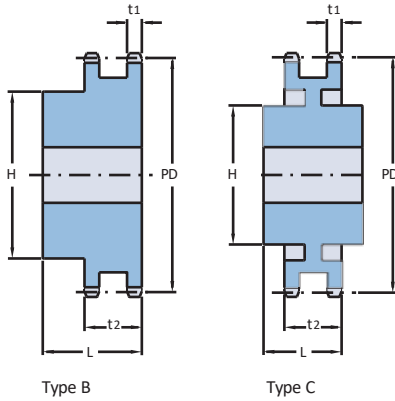
Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub		Plate thickness		Mass	Designation	
				Bore		H	L	t <sub>1</sub>	t <sub>2</sub>			
				Min.	Max.							
mm	-	mm	-	mm						kg	-	
12,70	25	101,33	B	16	50	80	40	7,24	21,13	1,83	PHS 08B-2BH25	
	26	105,36	B	16	56	85	40	7,24	21,13	1,96	PHS 08B-2B26	
	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.

# CNIP SPROCKET



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	t1	t2		
mm	-	mm	-	mm						kg	-
<b>19,05</b>	<b>25</b>	152,00	B	20	60	120	50	10,87	30,33	5,39	<b>PHS 12B-2BH25</b>
	<b>26</b>	158,04	B	20	80	120	50	10,87	30,33	5,74	<b>PHS 12B-2B26</b>
	<b>27</b>	164,09	B	20	60	120	50	10,87	30,33	6,09	<b>PHS 12B-2B27</b>
	<b>28</b>	170,13	B	20	80	120	50	10,87	30,33	6,45	<b>PHS 12B-2B28</b>
	<b>30</b>	182,25	B	20	60	120	50	10,87	30,33	7,17	<b>PHS 12B-2B30</b>
	<b>32</b>	194,36	B	20	85	120	50	10,87	30,33	8,41	<b>PHS 12B-2B32</b>
	<b>35</b>	212,52	B	20	85	120	50	10,87	30,33	9,70	<b>PHS 12B-2B35</b>
	<b>36</b>	218,58	B	25	85	120	50	10,87	30,33	10,12	<b>PHS 12B-2B36</b>
	<b>38</b>	230,69	B	25	65	120	50	10,87	30,33	10,98	<b>PHS 12B-2B38</b>
	<b>40</b>	242,81	B	25	85	120	50	10,87	30,33	11,84	<b>PHS 12B-2B40</b>
	<b>45</b>	273,10	B	25	65	136	62	10,87	30,33	10,58	<b>PHS 12B-2B45</b>
	<b>48</b>	291,27	B	25	85	136	62	10,87	30,33	15,26	<b>PHS 12B-2B48</b>
	<b>57</b>	345,81	B	25	70	136	62	10,87	30,33	11,72	<b>PHS 12B-2B57</b>
	<b>60</b>	363,99	B	25	85	136	62	10,87	30,33	20,40	<b>PHS 12B-2B60</b>
	<b>68</b>	412,49	C	25	85	140	63	10,87	30,33	23,83	<b>PHS 12B-2C68</b>
	<b>76</b>	460,99	C	25	80	140	63	10,87	30,33	18,50	<b>PHS 12B-2C76</b>
	<b>80</b>	485,22	C	25	85	140	63	10,87	30,33	28,97	<b>PHS 12B-2C80</b>
	<b>95</b>	576,17	C	25	93	140	63	10,87	30,33	35,39	<b>PHS 12B-2C95</b>
	<b>96</b>	582,23	C	25	93	140	63	10,87	30,33	35,82	<b>PHS 12B-2C96</b>
	<b>114</b>	691,36	C	25	93	140	63	10,87	30,33	43,53	<b>PHS 12B-2C114</b>
<b>25,40</b>	<b>11</b>	90,14	B	20	42	64	70	15,83	47,71	1,86	<b>PHS 16B-2BH11</b>
	<b>12</b>	98,14	B	20	45	72	70	15,83	47,71	2,54	<b>PHS 16B-2BH12</b>
	<b>13</b>	106,12	B	20	48	80	70	15,83	47,71	3,22	<b>PHS 16B-2BH13</b>
	<b>14</b>	114,15	B	20	53	88	70	15,83	47,71	3,90	<b>PHS 16B-2BH14</b>
	<b>15</b>	122,17	B	20	58	96	70	15,83	47,71	4,58	<b>PHS 16B-2BH15</b>
	<b>16</b>	130,20	B	20	66	104	70	15,83	47,71	5,35	<b>PHS 16B-2BH16</b>
	<b>17</b>	138,22	B	20	70	112	70	15,83	47,71	6,12	<b>PHS 16B-2BH17</b>
	<b>18</b>	146,28	B	20	80	120	70	15,83	47,71	7,02	<b>PHS 16B-2BH18</b>
	<b>19</b>	154,33	B	20	70	128	70	15,83	47,71	7,91	<b>PHS 16B-2BH19</b>
	<b>20</b>	162,38	B	20	85	130	70	15,83	47,71	8,59	<b>PHS 16B-2BH20</b>
	<b>21</b>	170,43	B	25	75	130	70	15,83	47,71	9,26	<b>PHS 16B-2BH21</b>
	<b>22</b>	178,48	B	25	85	130	70	15,83	47,71	10,05	<b>PHS 16B-2BH22</b>
	<b>23</b>	186,53	B	25	75	130	70	15,83	47,71	10,84	<b>PHS 16B-2BH23</b>
	<b>24</b>	194,59	B	25	85	130	70	15,83	47,71	11,70	<b>PHS 16B-2BH24</b>
	<b>25</b>	202,66	B	25	75	130	70	15,83	47,71	12,56	<b>PHS 16B-2BH25</b>
	<b>26</b>	210,72	B	25	85	130	70	15,83	47,71	13,52	<b>PHS 16B-2B26</b>
	<b>27</b>	218,79	B	25	75	130	70	15,83	47,71	14,48	<b>PHS 16B-2B27</b>
	<b>28</b>	226,85	B	25	85	130	70	15,83	47,71	15,49	<b>PHS 16B-2B28</b>
	<b>29</b>	234,92	B	25	85	130	70	15,83	47,71	16,51	<b>PHS 16B-2B29</b>
	<b>30</b>	243,00	B	25	75	130	70	15,83	47,71	17,52	<b>PHS 16B-2B30</b>
	<b>32</b>	259,13	B	25	95	140	70	15,83	47,71	20,13	<b>PHS 16B-2B32</b>
	<b>35</b>	283,36	B	25	95	140	70	15,83	47,71	24,04	<b>PHS 16B-2B35</b>
	<b>36</b>	291,44	B	25	95	140	70	15,83	47,71	25,34	<b>PHS 16B-2B36</b>
	<b>38</b>	307,59	B	25	75	140	70	15,83	47,71	27,95	<b>PHS 16B-2B38</b>
	<b>42</b>	339,90	B	25	95	140	70	15,83	47,71	32,35	<b>PHS 16B-2B42</b>
	<b>45</b>	364,13	C	25	85	140	70	15,83	47,71	22,00	<b>PHS 16B-2C45</b>
	<b>57</b>	461,07	C	25	85	150	85	15,83	47,71	34,50	<b>PHS 16B-2C57</b>
	<b>60</b>	485,32	C	25	95	150	85	15,83	47,71	52,14	<b>PHS 16B-2C60</b>
	<b>68</b>	549,98	C	25	96	160	90	15,83	47,71	60,93	<b>PHS 16B-2C68</b>
	<b>76</b>	614,65	C	25	100	160	90	15,83	47,71	51,50	<b>PHS 16B-2C76</b>
<b>80</b>	646,96	C	25	102	160	90	15,83	47,71	74,13	<b>PHS 16B-2C80</b>	
<b>95</b>	768,22	C	25	100	160	90	15,83	47,71	90,62	<b>PHS 16B-2C95</b>	
<b>114</b>	921,81	C	25	102	160	90	15,83	47,71	111,51	<b>PHS 16B-2C114</b>	

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.

# CNIP SPROCKET

## 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

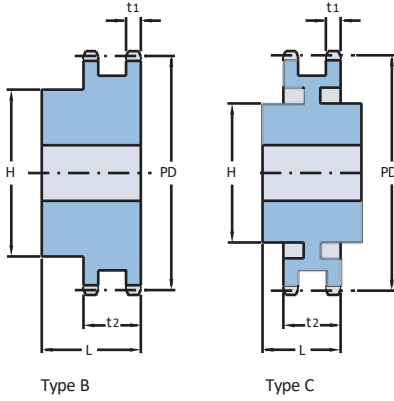
Pitch	Number of teeth	Pitch diameter	Type	Dimensions Bore		Hub		Plate thickness		Mass	Designation	
				Min.	Max.	H	L	t <sub>1</sub>	t <sub>2</sub>			
mm	–	mm	–	mm	mm	mm	mm	mm	mm	kg	–	
<b>31,75</b>	<b>10</b>	102,75	B	20	45	70	75	18,19	54,64	2,90	<b>PHS 20B-2BH10</b>	
	<b>11</b>	112,70	B	20	52	80	80	18,19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

Maximum bores can accommodate standard keyways. Larger bores are available.

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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

# CNIP SPROCKET



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 kg	Designation
				Min.	Max.	H	L	t1	t2		
mm	-	mm	-	mm							-
<b>44,45</b>	<b>15</b>	213,79	B	25	96	145	120	29,36	88,90	22,91	<b>PHS 28B-2BH15</b>
	<b>16</b>	227,84	B	30	108	160	120	29,36	88,90	26,92	<b>PHS 28B-2BH16</b>
	<b>17</b>	241,91	B	30	114	160	120	29,36	88,90	30,83	<b>PHS 28B-2BH17</b>
	<b>18</b>	255,98	B	30	114	160	120	29,36	88,90	34,74	<b>PHS 28B-2BH18</b>
	<b>19</b>	270,06	B	30	133	180	120	29,36	88,90	38,93	<b>PHS 28B-2BH19</b>
	<b>20</b>	284,15	B	30	133	180	120	29,36	88,90	44,27	<b>PHS 28B-2BH20</b>
	<b>21</b>	298,24	B	30	133	180	120	29,36	88,90	45,08	<b>PHS 28B-2BH21</b>
	<b>22</b>	312,34	B	30	133	180	120	29,36	88,90	48,15	<b>PHS 28B-2BH22</b>
	<b>23</b>	326,44	B	30	133	180	120	29,36	88,90	51,59	<b>PHS 28B-2BH23</b>
	<b>24</b>	340,55	B	30	133	180	120	29,36	88,90	55,03	<b>PHS 28B-2BH24</b>
	<b>25</b>	354,66	B	30	133	180	120	29,36	88,90	58,47	<b>PHS 28B-2BH25</b>
	<b>26</b>	368,77	B	30	133	180	120	29,36	88,90	64,06	<b>PHS 28B-2B26</b>
	<b>28</b>	397,00	B	30	133	180	120	29,36	88,90	76,05	<b>PHS 28B-2B28</b>
	<b>30</b>	425,24	B	30	133	180	120	29,36	88,90	89,16	<b>PHS 28B-2B30</b>
	<b>32</b>	453,49	B	30	133	180	120	29,36	88,90	103,38	<b>PHS 28B-2B32</b>
	<b>38</b>	538,27	B	30	133	200	120	29,36	88,90	97,53	<b>PHS 28B-2B38</b>
	<b>40</b>	566,54	C	30	137	200	120	29,36	88,90	109,47	<b>PHS 28B-2C40</b>
	<b>45</b>	637,22	C	30	137	200	120	29,36	88,90	137,32	<b>PHS 28B-2C45</b>
	<b>48</b>	679,63	C	30	137	200	120	29,36	88,90	153,61	<b>PHS 28B-2C48</b>
	<b>54</b>	764,46	C	30	162	200	120	29,36	88,90	204,44	<b>PHS 28B-2C54</b>
<b>57</b>	806,90	C	30	162	200	120	29,36	88,90	210,02	<b>PHS 28B-2C57</b>	
<b>60</b>	849,32	C	30	162	200	130	29,36	88,90	230,82	<b>PHS 28B-2C60</b>	
<b>68</b>	962,46	C	30	162	200	130	29,36	88,90	273,98	<b>PHS 28B-2C68</b>	
<b>72</b>	1 019,05	C	30	162	200	130	29,36	88,90	305,70	<b>PHS 28B-2C72</b>	
<b>76</b>	1 075,62	C	30	162	200	130	29,36	88,90	323,56	<b>PHS 28B-2C76</b>	
<b>50,80</b>	<b>11</b>	180,34	B	30	80	120	120	28,83	87,38	10,42	<b>PHS 32B-2BH11</b>
	<b>12</b>	196,29	B	30	89	133	120	28,83	87,38	16,32	<b>PHS 32B-2BH12</b>
	<b>13</b>	212,29	B	30	96	145	120	28,83	87,38	21,77	<b>PHS 32B-2BH13</b>
	<b>14</b>	228,29	B	30	103	145	120	28,83	87,38	26,31	<b>PHS 32B-2BH14</b>
	<b>15</b>	244,30	B	30	106	160	120	28,83	87,38	30,84	<b>PHS 32B-2BH15</b>
	<b>16</b>	260,40	B	30	120	160	120	28,83	87,38	34,02	<b>PHS 32B-2BH16</b>
	<b>17</b>	276,40	B	30	120	180	120	28,83	87,38	41,28	<b>PHS 32B-2BH17</b>
	<b>18</b>	292,55	B	30	120	180	120	28,83	87,38	43,55	<b>PHS 32B-2BH18</b>
	<b>19</b>	308,66	B	30	120	200	120	28,83	87,38	48,53	<b>PHS 32B-2BH19</b>
	<b>20</b>	324,71	B	30	130	200	120	28,83	87,38	53,98	<b>PHS 32B-2BH20</b>
	<b>21</b>	340,82	B	30	130	200	120	28,83	87,38	58,97	<b>PHS 32B-2BH21</b>
	<b>22</b>	356,98	B	30	130	200	120	28,83	87,38	63,96	<b>PHS 32B-2BH22</b>
	<b>23</b>	373,08	B	30	130	200	120	28,83	87,38	71,21	<b>PHS 32B-2BH23</b>
	<b>24</b>	389,18	B	30	130	200	120	28,83	87,38	77,57	<b>PHS 32B-2BH24</b>
	<b>25</b>	405,33	B	30	130	200	120	28,83	87,38	84,82	<b>PHS 32B-2BH25</b>
	<b>26</b>	421,44	B	30	130	200	120	28,83	87,38	91,17	<b>PHS 32B-2B26</b>
	<b>28</b>	453,69	B	30	130	200	120	28,83	87,38	101,13	<b>PHS 32B-2B28</b>
	<b>30</b>	486,00	B	30	130	200	120	28,83	87,38	116,57	<b>PHS 32B-2B30</b>
	<b>38</b>	615,14	B	30	178	200	120	28,83	87,38	170,25	<b>PHS 32B-2B38</b>
	<b>40</b>	647,49	C	30	178	200	120	28,83	87,38	177,46	<b>PHS 32B-2C40</b>
	<b>45</b>	728,26	C	30	178	200	120	28,83	87,38	195,50	<b>PHS 32B-2C45</b>
	<b>48</b>	776,72	C	30	178	200	120	28,83	87,38	204,51	<b>PHS 32B-2C48</b>
	<b>54</b>	873,68	C	30	178	220	120	28,83	87,38	222,53	<b>PHS 32B-2C54</b>
	<b>57</b>	922,16	C	30	178	220	120	28,83	87,38	231,54	<b>PHS 32B-2C57</b>
	<b>68</b>	1 099,96	C	30	178	220	130	28,83	87,38	255,83	<b>PHS 32B-2C68</b>
	<b>76</b>	1 229,28	C	30	178	220	130	28,83	87,38	292,83	<b>PHS 32B-2C76</b>

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.





# CALL US FOR MORE DETAILS

## INDIA OFFICE

### **C.N.INDUSTRIAL PRODUCT**

Office : 20, Vishala East Industrial Estate,  
Kathwada G.I.D.C, Opp: Palm Hotel,  
S.P.Ring Road, Kathwada – 382430.  
Ahmedabad, Gujarat, India.

### **Contact For Export Inquiry.**

**Email :** sales@cnip.in

**Email :** export@cnip.in

**Mobile No :** +91-9978334638

**Web Site :** [www.cnip.in](http://www.cnip.in)

## FACTORY

### **C.N.INDUSTRIAL PRODUCT**

Office : Kathwada Bakrol Highway,  
Kubadthal Road, Ahmedabad,  
Gujarat, India.



## LIAISON OFFICE

### **EAST AFRICA : TANZANIA, UGANDA**

Mr,Dushyant Dave (G.M-sales)

**Email:** tanzania@cnip.in

### **WEST AFRICA : Togo**

Ms, Carine Pineau (G.M-Sales)

**Email:** togo@cnip.in

### **EAST AFRICA : Kenya, Ethiopia, sudan**

Mr, Satyajit Nath (G.M-sales)

**Email:** kenya@cnip.in

### **WEST AFRICA : Cameroon, Nigeria, Chad**

Mr. Albert Dipita (Representative)

Email id : cameroon@cnip.in

# C.N.INDUSTRIAL PRODUCT

(AN ISO : 9001-2015, 14001:2015 & 45001:2018)