



BUREAU
VERITAS



SPROCKETS CATALOG



C.N.INDUSTRIAL PRODUCT

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

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ANSI sprockets, simplex, taper bushed

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.



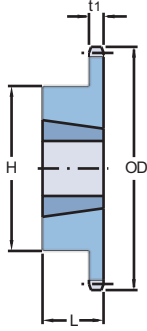
**BUREAU
VERITAS**



CNIP SPROCKET

ANSI sprockets, simplex, taper bushed

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



Type B

| Pitch | Number of teeth | Diameters Outside | | Pitch | Type | Bushing number | Dimensions Bore | | | | Plate thickness t | Mass Rim | Bushing | Designation |
|-------|-----------------|-------------------|--------|--------|-------|----------------|-----------------|-------|-------|-------|-------------------|--------------|---------|---------------|
| | | OD | PD | | | | Min. | Max. | L | H | | | | |
| mm | in. | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | mm | mm | mm |
| 9,53 | 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 | 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 | | |

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

CNIP SPROCKET

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

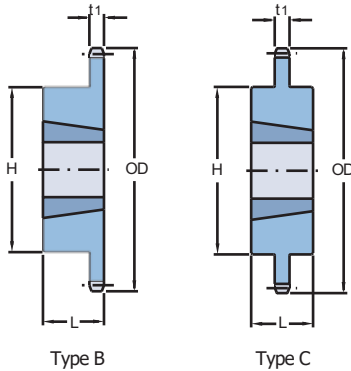
| Pitch | Number of teeth | Diameters | | Type | Bushing number | Dimensions | | | | Plate thickness t | Mass Rim | Bushing | Designation | | | |
|-------|-----------------|------------|----------|--------|----------------|------------|-----------|-------|-------|-------------------|----------|---------|-------------|---------------|-----|---------------|
| | | Outside OD | Pitch PD | | | Bore Min. | Bore Max. | L | H | | | | | | | |
| mm | in. | mm | mm | | | mm | mm | mm | 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 | | |

sprockets, up to and including 25 tooth, are with hardened teeth as standard.
all size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

CNIP SPROCKET

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 | | Pitch | Type | Bushing number | Dimensions | | | | Plate thickness t | Mass Rim | Bushing | Designation | | |
|-------|-----------------|------------|--------|--------|--------|----------------|------------|--------|--------|--------|-------------------|--------------|---------|----------------|-----|---------------|
| | | Outside OD | PD | | | | Bore | | L | H | | | | | | |
| mm | in. | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | mm | mm | mm | | |
| 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 | | |

⊃ sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 ⊃ small size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

CNIP SPROCKET

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 | Mass Rim | Bushing | Designation | | | |
|-------|-----------------|------------|----------|--------|----------------|------------|-----------|--------|--------|-------------------|----------|---------|-------------|----------------|-----|----------------|
| | | Outside OD | Pitch PD | | | Bore Min. | Bore Max. | | | | | | | | | |
| mm | in. | - | mm | - | - | 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 | | |

Sprockets, up to and including 25 tooth, are with hardened teeth as standard.
Size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.



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