

Item description/product images



Description

Material:

Steel or grey cast iron.

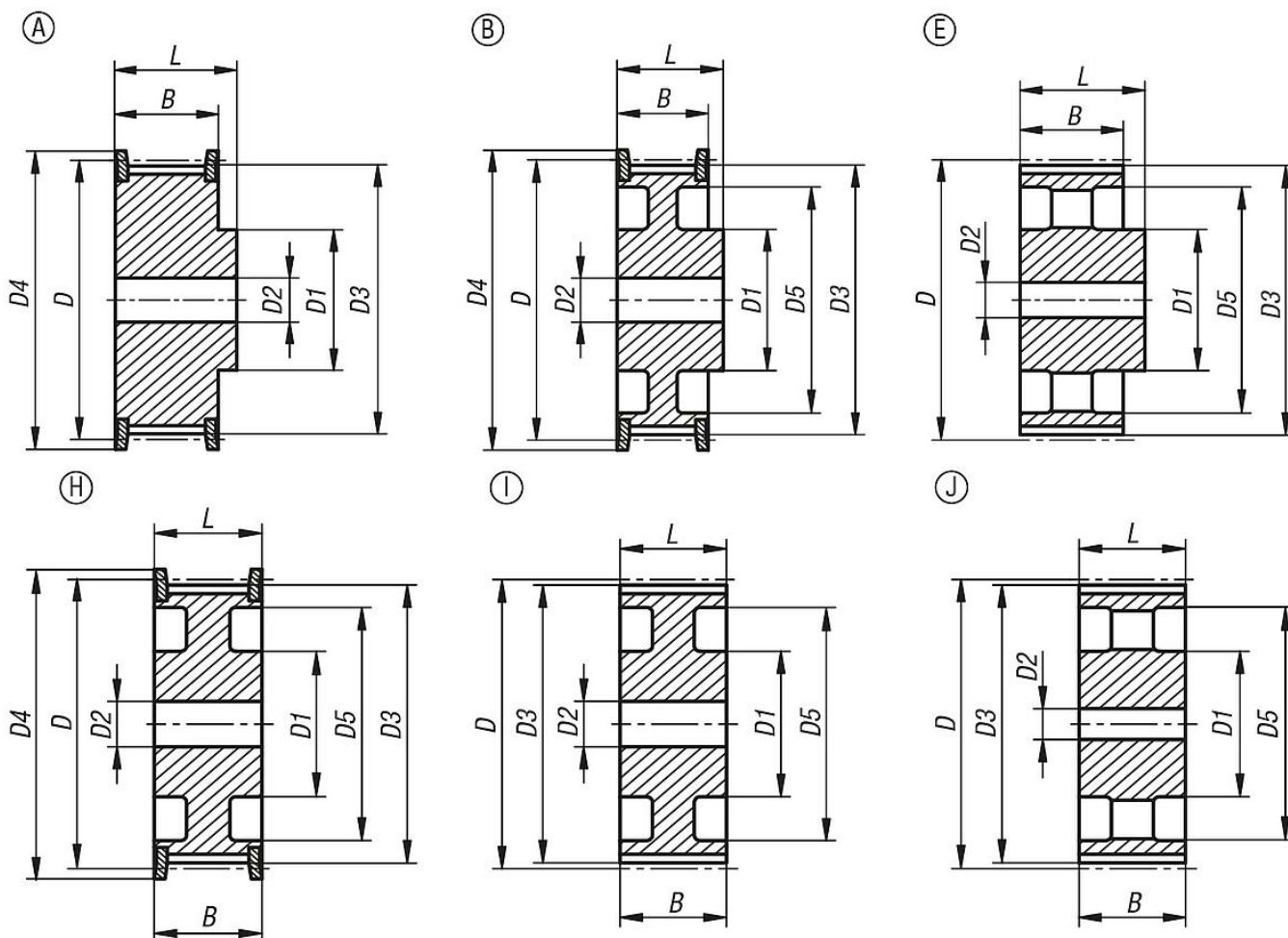
Version:

Phosphated

Note:

Standard HTD profile with metric pitch (half-round toothing). At least one belt pulley must have a rim flange. The toothed belt pulleys have a centre bore or a pilot hole (this can vary due to manufacturing methods). For this reason, the dimension D2 max. given in the table is the maximum diameter of the bore with which the toothed belt pulleys are supplied. This pilot/centre bore can be amended by the customer to produce a reamed bore, reamed bore with keyway or a tapped hole. Alternatively, customers can also use bushes to reduce the bore diameter.

Drawings



Overview of items

| Order No. | Material | Form | No. of teeth | D | D1 max. | D2 max. | D3 | D4 max. | D5 | B | L |
|---------------|----------|------|--------------|-------|---------|---------|-------|---------|----|----|----|
| 22004-0820018 | steel | A | 18 | 45,84 | 32 | 12 | 44,46 | 51 | - | 28 | 38 |
| 22004-0830018 | steel | A | 18 | 45,84 | 32 | 12 | 44,46 | 51 | - | 38 | 48 |
| 22004-0850018 | steel | A | 18 | 45,84 | 32 | 12 | 44,46 | 51 | - | 60 | 70 |

Overview of items

| Order No. | Material | Form | No. of teeth | D | D1 max. | D2 max. | D3 | D4 max. | D5 | B | L |
|---------------|----------------|------|--------------|--------|---------|---------|--------|---------|-----|----|----|
| 22004-0820020 | steel | A | 20 | 50,93 | 36 | 12 | 49,56 | 57 | - | 28 | 38 |
| 22004-0830020 | steel | A | 20 | 50,93 | 36 | 12 | 49,56 | 57 | - | 38 | 48 |
| 22004-0850020 | steel | A | 20 | 50,93 | 36 | 12 | 49,56 | 57 | - | 60 | 70 |
| 22004-0820022 | steel | A | 22 | 56,02 | 43 | 12 | 54,65 | 62 | - | 28 | 38 |
| 22004-0850022 | steel | A | 22 | 56,02 | 43 | 12 | 54,65 | 62 | - | 60 | 70 |
| 22004-0830022 | steel | A | 22 | 56,02 | 43 | 12 | 54,65 | 62 | - | 38 | 48 |
| 22004-0820024 | steel | A | 24 | 61,12 | 49 | 12 | 59,74 | 67 | - | 28 | 38 |
| 22004-0830024 | steel | A | 24 | 61,12 | 49 | 12 | 59,74 | 67 | - | 38 | 48 |
| 22004-0850024 | steel | A | 24 | 61,12 | 49 | 12 | 59,74 | 67 | - | 60 | 70 |
| 22004-0820026 | steel | A | 26 | 66,21 | 50 | 12 | 64,84 | 73 | - | 28 | 38 |
| 22004-0830026 | steel | A | 26 | 66,21 | 50 | 12 | 64,84 | 73 | - | 38 | 48 |
| 22004-0850026 | steel | A | 26 | 66,21 | 50 | 12 | 64,84 | 73 | - | 60 | 70 |
| 22004-0830028 | steel | A | 28 | 71,3 | 55 | 14 | 69,93 | 77 | - | 38 | 48 |
| 22004-0820028 | steel | A | 28 | 71,3 | 55 | 14 | 69,93 | 77 | - | 28 | 38 |
| 22004-0850028 | steel | A | 28 | 71,3 | 55 | 14 | 69,93 | 77 | - | 60 | 70 |
| 22004-0850030 | steel | A | 30 | 76,39 | 60 | 14 | 75,02 | 84 | - | 60 | 70 |
| 22004-0830030 | steel | A | 30 | 76,39 | 60 | 14 | 75,02 | 84 | - | 38 | 48 |
| 22004-0820030 | steel | A | 30 | 76,39 | 60 | 14 | 75,02 | 84 | - | 28 | 38 |
| 22004-0830032 | steel | A | 32 | 81,49 | 64 | 14 | 80,12 | 88 | - | 38 | 48 |
| 22004-0820032 | steel | A | 32 | 81,49 | 64 | 14 | 80,12 | 88 | - | 28 | 38 |
| 22004-0850032 | steel | A | 32 | 81,49 | 64 | 14 | 80,12 | 88 | - | 60 | 70 |
| 22004-0820034 | steel | A | 34 | 86,58 | 70 | 14 | 85,21 | 94 | - | 28 | 38 |
| 22004-0830034 | steel | A | 34 | 86,58 | 70 | 14 | 85,21 | 94 | - | 38 | 48 |
| 22004-0850034 | steel | A | 34 | 86,58 | 70 | 14 | 85,21 | 94 | - | 60 | 70 |
| 22004-0820036 | steel | A | 36 | 91,67 | 75 | 14 | 90,3 | 98 | - | 28 | 38 |
| 22004-0850036 | steel | A | 36 | 91,67 | 75 | 14 | 90,3 | 98 | - | 60 | 70 |
| 22004-0830036 | steel | A | 36 | 91,67 | 75 | 14 | 90,3 | 98 | - | 38 | 48 |
| 22004-0830038 | steel | A | 38 | 96,77 | 80 | 14 | 95,39 | 104 | - | 38 | 48 |
| 22004-0850038 | steel | A | 38 | 96,77 | 80 | 14 | 95,39 | 104 | - | 60 | 70 |
| 22004-0820038 | steel | A | 38 | 96,77 | 80 | 14 | 95,39 | 104 | - | 28 | 38 |
| 22004-0830040 | steel | A | 40 | 101,86 | 85 | 14 | 100,49 | 108 | - | 38 | 48 |
| 22004-0850040 | steel | A | 40 | 101,86 | 85 | 14 | 100,49 | 108 | - | 60 | 70 |
| 22004-0820040 | steel | A | 40 | 101,86 | 85 | 14 | 100,49 | 108 | - | 28 | 38 |
| 22004-0820044 | grey cast iron | A | 44 | 112,05 | 96 | 14 | 110,67 | 121 | - | 28 | 38 |
| 22004-0830044 | grey cast iron | A | 44 | 112,05 | 96 | 14 | 110,67 | 121 | - | 38 | 48 |
| 22004-0850044 | grey cast iron | A | 44 | 112,05 | 96 | 14 | 110,67 | 121 | - | 60 | 70 |
| 22004-0850048 | grey cast iron | A | 48 | 122,23 | 104 | 14 | 120,86 | 129 | - | 60 | 70 |
| 22004-0820048 | grey cast iron | A | 48 | 122,23 | 104 | 14 | 120,86 | 129 | - | 28 | 38 |
| 22004-0830048 | grey cast iron | A | 48 | 122,23 | 104 | 14 | 120,86 | 129 | - | 38 | 48 |
| 22004-0850056 | grey cast iron | H | 56 | 142,6 | 90 | 18 | 141,23 | 150 | 117 | 60 | 60 |
| 22004-0830056 | grey cast iron | B | 56 | 142,6 | 90 | 14 | 141,23 | 150 | 117 | 38 | 48 |
| 22004-0820056 | grey cast iron | B | 56 | 142,6 | 80 | 14 | 141,23 | 150 | 117 | 28 | 38 |
| 22004-0830060 | grey cast iron | B | 60 | 152,79 | 90 | 14 | 151,42 | 158 | 127 | 38 | 48 |
| 22004-0850060 | grey cast iron | H | 60 | 152,79 | 100 | 18 | 151,42 | 158 | 127 | 60 | 60 |
| 22004-0820060 | grey cast iron | B | 60 | 152,79 | 80 | 14 | 151,42 | 158 | 127 | 28 | 38 |
| 22004-0820064 | grey cast iron | B | 64 | 162,97 | 80 | 14 | 161,6 | 168 | 137 | 28 | 38 |
| 22004-0830064 | grey cast iron | B | 64 | 162,97 | 90 | 14 | 161,6 | 168 | 137 | 38 | 48 |
| 22004-0850064 | grey cast iron | H | 64 | 162,97 | 100 | 18 | 161,6 | 168 | 137 | 60 | 60 |
| 22004-0820072 | grey cast iron | B | 72 | 183,35 | 80 | 18 | 181,97 | 192 | 158 | 28 | 38 |
| 22004-0850072 | grey cast iron | H | 72 | 183,35 | 100 | 18 | 181,97 | 192 | 158 | 60 | 60 |
| 22004-0830072 | grey cast iron | B | 72 | 183,35 | 95 | 14 | 181,97 | 192 | 158 | 38 | 48 |
| 22004-0850080 | grey cast iron | I | 80 | 203,72 | 110 | 18 | 202,35 | - | 179 | 60 | 60 |
| 22004-0830080 | grey cast iron | E | 80 | 203,72 | 100 | 14 | 202,35 | - | 179 | 38 | 48 |
| 22004-0820080 | grey cast iron | E | 80 | 203,72 | 90 | 14 | 202,35 | - | 179 | 28 | 38 |
| 22004-0830084 | grey cast iron | E | 84 | 213,9 | 100 | 14 | 212,53 | - | 190 | 38 | 48 |
| 22004-0850084 | grey cast iron | J | 84 | 213,9 | 110 | 18 | 212,53 | - | 190 | 60 | 60 |
| 22004-0820084 | grey cast iron | E | 84 | 213,9 | 90 | 14 | 212,53 | - | 190 | 28 | 38 |
| 22004-0830090 | grey cast iron | E | 90 | 229,18 | 100 | 14 | 227,81 | - | 204 | 38 | 48 |
| 22004-0820090 | grey cast iron | E | 90 | 229,18 | 90 | 14 | 227,81 | - | 204 | 28 | 38 |
| 22004-0850090 | grey cast iron | J | 90 | 229,18 | 110 | 18 | 227,81 | - | 204 | 60 | 60 |
| 22004-0850112 | grey cast iron | J | 112 | 285,21 | 110 | 20 | 283,83 | - | 260 | 60 | 60 |
| 22004-0820112 | grey cast iron | E | 112 | 285,21 | 90 | 20 | 283,83 | - | 260 | 28 | 38 |
| 22004-0830112 | grey cast iron | E | 112 | 285,21 | 100 | 20 | 283,83 | - | 260 | 38 | 48 |
| 22004-0830144 | grey cast iron | E | 144 | 366,69 | 100 | 20 | 365,32 | - | 342 | 38 | 48 |
| 22004-0820144 | grey cast iron | E | 144 | 366,69 | 90 | 20 | 365,32 | - | 342 | 28 | 38 |

Overview of items

| Order No. | Material | Form | No. of teeth | D | D1 max. | D2 max. | D3 | D4 max. | D5 | B | L |
|---------------|----------------|------|--------------|--------|---------|---------|--------|---------|-----|----|----|
| 22004-0850144 | grey cast iron | J | 144 | 366,69 | 110 | 20 | 365,32 | - | 342 | 60 | 60 |
| 22004-0850168 | grey cast iron | J | 168 | 427,8 | 120 | 20 | 426,42 | - | 403 | 60 | 60 |
| 22004-0830168 | grey cast iron | E | 168 | 427,8 | 100 | 20 | 426,42 | - | 403 | 38 | 48 |
| 22004-0820168 | grey cast iron | E | 168 | 427,8 | 100 | 20 | 426,42 | - | 403 | 28 | 38 |
| 22004-0820192 | grey cast iron | E | 192 | 488,92 | 100 | 20 | 487,54 | - | 465 | 28 | 38 |
| 22004-0830192 | grey cast iron | E | 192 | 488,92 | 100 | 20 | 487,54 | - | 465 | 38 | 48 |
| 22004-0850192 | grey cast iron | J | 192 | 488,92 | 130 | 20 | 487,54 | - | 465 | 60 | 60 |