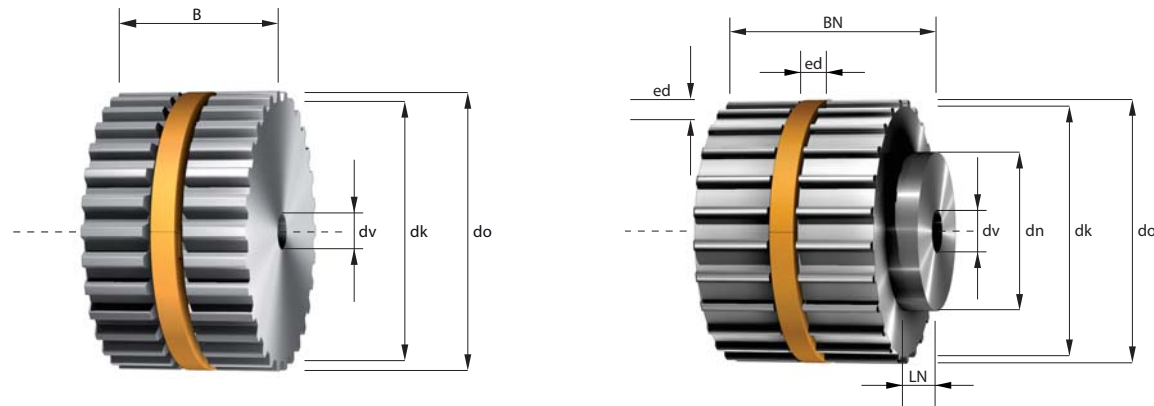


Synchronising pulleys easy drive® for cylindrical bore HTD-profile



- z = Number of teeth
- dk = Outside diameter
- do = Pitch diameter
- ed = easy drive® groove
- dv = Diameter of pre-bore
- dmax = max. bore diameter without feather key groove
- dh = Hub diameter
- wh = Hub width

Min. diameter of the tension rollers without contra-flexure 30 mm, with contra-flexure 60 mm.

|                                |                    |    |    |    |    |    |     |     |
|--------------------------------|--------------------|----|----|----|----|----|-----|-----|
| Belt width = b (mm)            | 15                 | 20 | 25 | 30 | 50 | 75 | 100 | 150 |
| Total width = B (mm)           | 17                 | 22 | 27 | 32 | 52 | 77 | 102 | 152 |
| Total width with hub = BN (mm) | B + 5,5/7,5/9,5 mm |    |    |    |    |    |     |     |

Other widths and larger sizes are available.

HTD5M

| z  | dk (mm) | do (mm) | ed (BxH) (mm) | dv (mm) | dmax (mm) | Hub (BxH) (mm) |
|----|---------|---------|---------------|---------|-----------|----------------|
| 14 | 21,14   | 22,28   | 5,85 x 4      | 6       | 6         | 13 x 5,5       |
| 15 | 22,73   | 23,87   | 5,85 x 4      | 6       | 7         | 16 x 5,5       |
| 16 | 24,32   | 25,46   | 5,85 x 4      | 6       | 9         | 16,5 x 5,5     |
| 17 | 25,92   | 27,05   | 5,85 x 4      | 6       | 10        | 20 x 5,5       |
| 18 | 27,51   | 28,65   | 5,85 x 4      | 6       | 12        | 20 x 5,5       |
| 19 | 29,10   | 30,24   | 5,85 x 4      | 6       | 13        | 20 x 5,5       |
| 20 | 30,69   | 31,83   | 5,85 x 5      | 6       | 10        | 23 x 5,5       |
| 21 | 32,28   | 33,42   | 5,85 x 5      | 6       | 12        | 24 x 5,5       |
| 22 | 33,87   | 35,01   | 5,85 x 5      | 6       | 13        | 25,5 x 5,5     |
| 23 | 35,47   | 36,61   | 5,85 x 5      | 6       | 15        | 25,5 x 5,5     |
| 24 | 37,06   | 38,20   | 5,85 x 5      | 6       | 17        | 27 x 7,5       |
| 25 | 38,65   | 39,79   | 5,85 x 5      | 6       | 18        | 27 x 7,5       |
| 26 | 40,24   | 41,38   | 5,85 x 5      | 6       | 20        | 30 x 7,5       |
| 27 | 41,83   | 42,97   | 5,85 x 5      | 6       | 21        | 30 x 7,5       |
| 28 | 43,42   | 44,56   | 5,85 x 5      | 6       | 22        | 30,5 x 7,5     |

| z  | dk (mm) | do (mm) | ed (BxH) (mm) | dv (mm) | dmax (mm) | Hub (BxH) (mm) |
|----|---------|---------|---------------|---------|-----------|----------------|
| 29 | 45,01   | 46,15   | 5,85 x 5      | 6       | 23        | 30,5 x 7,5     |
| 30 | 46,61   | 47,75   | 5,85 x 5      | 6       | 24        | 35 x 7,5       |
| 31 | 48,20   | 49,34   | 5,85 x 5      | 8       | 25        | 35 x 7,5       |
| 32 | 49,79   | 50,93   | 5,85 x 5      | 8       | 26        | 38 x 7,5       |
| 33 | 51,38   | 52,52   | 5,85 x 5      | 8       | 27        | 38 x 7,5       |
| 34 | 52,97   | 54,11   | 5,85 x 5      | 8       | 28        | 38 x 7,5       |
| 35 | 54,55   | 55,70   | 5,85 x 5      | 8       | 31        | 38 x 7,5       |
| 36 | 56,16   | 57,30   | 5,85 x 5      | 8       | 33        | 38 x 7,5       |
| 37 | 57,75   | 58,89   | 5,85 x 5      | 8       | 34        | 38 x 7,5       |
| 38 | 59,34   | 60,48   | 5,85 x 5      | 8       | 36        | 38 x 7,5       |
| 39 | 60,93   | 62,07   | 5,85 x 5      | 8       | 36        | 38 x 7,5       |
| 40 | 62,52   | 63,66   | 5,85 x 5      | 8       | 38        | 38 x 7,5       |
| 41 | 64,11   | 65,25   | 5,85 x 5      | 8       | 40        | 38 x 7,5       |
| 42 | 65,71   | 66,85   | 5,85 x 5      | 8       | 41        | 38 x 7,5       |
| 43 | 67,30   | 68,44   | 5,85 x 5      | 8       | 43        | 38 x 7,5       |

  = Standard ring sizes in stock

HTD5M

| z  | dk (mm) | do (mm) | ed (BxH) (mm) | dv (mm) | dmax (mm) | Hub (BxH) (mm) |
|----|---------|---------|---------------|---------|-----------|----------------|
| 44 | 68,89   | 70,03   | 5,85 x 5      | 8       | 44        | 38 x 9,5       |
| 45 | 70,48   | 71,62   | 5,85 x 5      | 8       | 46        | 38 x 9,5       |
| 46 | 72,07   | 73,21   | 5,85 x 5      | 8       | 48        | 38 x 9,5       |
| 47 | 73,66   | 74,80   | 5,85 x 5      | 8       | 49        | 38 x 9,5       |
| 48 | 75,25   | 76,39   | 5,85 x 5      | 8       | 51        | 45 x 9,5       |
| 49 | 76,85   | 77,99   | 5,85 x 5      | 8       | 52        | 45 x 9,5       |
| 50 | 78,44   | 79,58   | 5,85 x 5      | 8       | 54        | 45 x 9,5       |
| 51 | 80,03   | 81,17   | 5,85 x 5      | 8       | 56        | 45 x 9,5       |
| 52 | 81,62   | 82,76   | 5,85 x 5      | 8       | 57        | 45 x 9,5       |
| 53 | 83,21   | 84,35   | 5,85 x 5      | 8       | 59        | 45 x 9,5       |
| 54 | 84,80   | 85,94   | 5,85 x 5      | 8       | 60        | 45 x 9,5       |
| 55 | 86,40   | 87,54   | 5,85 x 5      | 8       | 62        | 45 x 9,5       |
| 56 | 87,99   | 89,13   | 5,85 x 5      | 8       | 63        | 45 x 9,5       |
| 57 | 89,58   | 90,72   | 5,85 x 5      | 8       | 65        | 45 x 9,5       |
| 58 | 91,17   | 92,31   | 5,85 x 5      | 8       | 67        | 45 x 9,5       |
| 59 | 92,76   | 93,90   | 5,85 x 5      | 8       | 68        | 45 x 9,5       |
| 60 | 94,35   | 95,49   | 5,85 x 5      | 8       | 70        | 45 x 9,5       |
| 61 | 95,94   | 97,08   | 5,85 x 5      | 8       | 71        | 45 x 9,5       |
| 62 | 97,54   | 98,68   | 5,85 x 5      | 8       | 73        | 45 x 9,5       |
| 63 | 99,13   | 100,27  | 5,85 x 5      | 8       | 75        | 45 x 9,5       |
| 64 | 100,72  | 101,86  | 5,85 x 5      | 8       | 76        | 45 x 9,5       |
| 65 | 102,31  | 103,45  | 5,85 x 5      | 8       | 78        | 45 x 9,5       |
| 66 | 103,90  | 105,04  | 5,85 x 5      | 8       | 79        | 45 x 9,5       |
| 67 | 105,49  | 106,63  | 5,85 x 5      | 8       | 81        | 45 x 9,5       |
| 68 | 107,05  | 108,23  | 5,85 x 5      | 8       | 83        | 45 x 9,5       |
| 69 | 108,68  | 109,82  | 5,85 x 5      | 8       | 84        | 45 x 9,5       |
| 70 | 110,27  | 111,41  | 5,85 x 5      | 8       | 86        | 45 x 9,5       |
| 71 | 111,86  | 113,00  | 5,85 x 5      | 8       | 87        | 45 x 9,5       |
| 72 | 113,45  | 114,59  | 5,85 x 5      | 8       | 89        | 45 x 9,5       |
| 73 | 115,04  | 116,18  | 5,85 x 5      | 8       | 91        |                |
| 74 | 116,63  | 117,77  | 5,85 x 5      | 8       | 92        |                |
| 75 | 118,23  | 119,37  | 5,85 x 5      | 8       | 94        |                |
| 76 | 119,82  | 120,96  | 5,85 x 5      | 8       | 95        |                |
| 77 | 121,41  | 122,55  | 5,85 x 5      | 8       | 97        |                |
| 78 | 123,00  | 124,14  | 5,85 x 5      | 8       | 99        |                |
| 79 | 124,59  | 125,73  | 5,85 x 5      | 8       | 100       |                |
| 80 | 126,18  | 127,32  | 5,85 x 5      | 8       | 102       |                |
| 81 | 127,78  | 128,92  | 5,85 x 5      | 8       | 103       |                |
| 82 | 129,37  | 130,51  | 5,85 x 5      | 8       | 105       |                |
| 83 | 130,96  | 132,10  | 5,85 x 5      | 8       | 106       |                |
| 84 | 132,55  | 133,69  | 5,85 x 5      | 8       | 108       |                |
| 85 | 134,14  | 135,28  | 5,85 x 5      | 8       | 110       |                |
| 86 | 135,73  | 136,87  | 5,85 x 5      | 8       | 111       |                |
| 87 | 137,32  | 138,46  | 5,85 x 5      | 8       | 113       |                |
| 88 | 138,92  | 140,06  | 5,85 x 5      | 8       | 114       |                |

| z   | dk (mm) | do (mm) | ed (BxH) (mm) | dv (mm) | dmax (mm) | Hub (BxH) (mm) |
|-----|---------|---------|---------------|---------|-----------|----------------|
| 89  | 140,51  | 141,65  | 5,85 x 5      | 8       | 116       |                |
| 90  | 142,10  | 143,24  | 5,85 x 5      | 8       | 118       |                |
| 91  | 143,69  | 144,83  | 5,85 x 5      | 8       | 119       |                |
| 92  | 145,28  | 146,42  | 5,85 x 5      | 8       | 121       |                |
| 93  | 146,87  | 148,01  | 5,85 x 5      | 8       | 122       |                |
| 94  | 148,47  | 149,61  | 5,85 x 5      | 8       | 124       |                |
| 95  | 150,06  | 151,20  | 5,85 x 5      | 8       | 126       |                |
| 96  | 151,65  | 152,79  | 5,85 x 5      | 8       | 127       |                |
| 97  | 153,24  | 154,38  | 5,85 x 5      | 8       | 129       |                |
| 98  | 154,83  | 155,97  | 5,85 x 5      | 8       | 130       |                |
| 99  | 156,42  | 157,56  | 5,85 x 5      | 8       | 132       |                |
| 100 | 158,01  | 159,15  | 5,85 x 5      | 8       | 134       |                |
| 101 | 159,61  | 160,75  | 5,85 x 5      | 8       | 135       |                |
| 102 | 161,20  | 162,34  | 5,85 x 5      | 8       | 137       |                |
| 103 | 162,79  | 163,93  | 5,85 x 5      | 8       | 138       |                |
| 104 | 164,30  | 165,52  | 5,85 x 5      | 8       | 140       |                |
| 105 | 165,97  | 167,11  | 5,85 x 5      | 8       | 141       |                |
| 106 | 167,56  | 168,70  | 5,85 x 5      | 8       | 143       |                |
| 107 | 169,15  | 170,30  | 5,85 x 5      | 8       | 145       |                |
| 108 | 170,75  | 171,89  | 5,85 x 5      | 8       | 146       |                |
| 109 | 172,34  | 173,48  | 5,85 x 5      | 8       | 148       |                |
| 110 | 173,93  | 175,07  | 5,85 x 5      | 8       | 149       |                |
| 111 | 175,52  | 176,66  | 5,85 x 5      | 8       | 151       |                |
| 112 | 177,11  | 178,25  | 5,85 x 5      | 8       | 153       |                |
| 113 | 178,71  | 179,85  | 5,85 x 5      | 8       | 154       |                |
| 114 | 180,30  | 181,44  | 5,85 x 5      | 8       | 156       |                |
| 115 | 181,89  | 183,03  | 5,85 x 5      | 8       | 157       |                |
| 116 | 183,48  | 184,62  | 5,85 x 5      | 8       | 159       |                |
| 117 | 185,07  | 186,21  | 5,85 x 5      | 8       | 161       |                |
| 118 | 186,66  | 187,80  | 5,85 x 5      | 8       | 162       |                |
| 119 | 188,25  | 189,39  | 5,85 x 5      | 8       | 164       |                |
| 120 | 189,85  | 190,99  | 5,85 x 5      | 8       | 165       |                |
| 121 | 191,44  | 192,58  | 5,85 x 5      | 8       | 167       |                |
| 122 | 193,03  | 194,17  | 5,85 x 5      | 8       | 169       |                |
| 123 | 194,62  | 195,76  | 5,85 x 5      | 8       | 170       |                |
| 124 | 195,21  | 197,35  | 5,85 x 5      | 8       | 171       |                |