

**Řetězová kola a řetězové disky – dle tovární normy**  
**Sprockets and plate wheels – to work's standard**

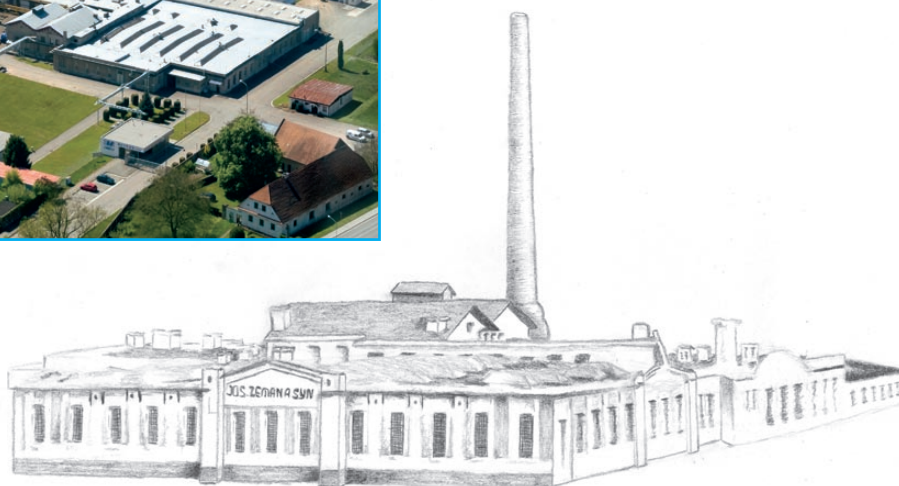


**ŘETĚZY VAMBERK**

# ŘETĚZY VAMBERK



Založeno 1952 • Established in 1952



Firma **ŘETĚZY VAMBERK** je jedním z největších výrobců válečkových, dopravních a speciálních řetězů ve střední Evropě. Společnost byla založena v roce 1992, ale začátek výroby řetězů v závodě se datuje již od roku 1952. Od svého vzniku se firma orientuje na vysoce kvalitní výrobky, také proto získala v roce 1993 Certifikát řízení jakosti ISO, jako jedna z prvních v České republice.

Řetězová kola jsou součástí každého řetězového pohonu. **ŘETĚZY VAMBERK** nabízí kompletní nabídku řetězových kol a disků ke všem dodávaným řetězům.

**ŘETĚZY VAMBERK** neustále zlepšují kvalitu dodávaných produktů a rozšiřují svůj výrobní sortiment tak, aby byly schopny zcela vyhovět přáním a požadavkům zákazníků.

The **ŘETĚZY VAMBERK** company is one of the largest manufactures of roller, transport and special chains in Central Europe. Although the company was only established in 1992, chain production in this plant dates back to 1952. From the very beginning, the company has been aiming at products of high quality, and for this reason the company acquired a quality management certificate ISO in 1993, being one of the first companies ever to do so in the Czech Republic.

Sprockets and wheels are part of each chain drives and conveyors. **ŘETĚZY VAMBERK** offers a complete range of sprockets and plate wheels to all delivered chains.

**ŘETĚZY VAMBERK** is improving the quality of the products permanently and extending its range of products in order to be able to fully meet the special wishes and requirements of customers.

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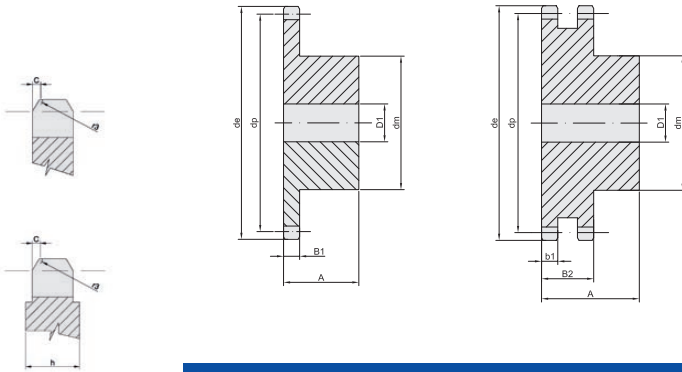
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## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



05B-1-2



### Řetěz • Chain

|                                  |                |      |
|----------------------------------|----------------|------|
| Rozteč • Pitch                   | P              | 8 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 3 mm |
| Průměr válečku • Roller diameter | D              | 5 mm |

### Řetězové kolo • Sprocket

|                                      |   |        |
|--------------------------------------|---|--------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 8 mm   |
| Šířka zaoblení • Radius width        | C   | 1,0 mm |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 2,8 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 2,7 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 8,3 mm |
| Materiál • Raw material              | <p>ocel • steel<br/>C40/C45 nerez / stainless<br/>C40/C45 kalena / hardened</p> |        |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 24,0                   | 20,90                  | 13                     | 6                      | 12        | 0,03                       | 12                     | 8                      | 18        | 0,04                       |
| 9                               | 26,6                   | 23,39                  | 15                     | 6                      | 12        | 0,04                       | 15                     | 8                      | 18        | 0,05                       |
| 10                              | 29,2                   | 25,89                  | 17                     | 8                      | 12        | 0,05                       | 17                     | 8                      | 18        | 0,07                       |
| 11                              | 31,7                   | 28,39                  | 18                     | 8                      | 13        | 0,08                       | 19                     | 10                     | 18        | 0,10                       |
| 12                              | 34,2                   | 30,91                  | 20                     | 8                      | 13        | 0,10                       | 21                     | 10                     | 18        | 0,13                       |
| 13                              | 36,7                   | 33,42                  | 23                     | 8                      | 13        | 0,13                       | 24                     | 10                     | 18        | 0,16                       |
| 14                              | 39,2                   | 35,95                  | 25                     | 8                      | 13        | 0,16                       | 26                     | 10                     | 18        | 0,20                       |
| 15                              | 41,7                   | 38,48                  | 28                     | 8                      | 13        | 0,19                       | 29                     | 10                     | 18        | 0,24                       |
| 16                              | 44,3                   | 41,01                  | 30                     | 8                      | 14        | 0,24                       | 32                     | 10                     | 20        | 0,27                       |
| 17                              | 46,8                   | 43,53                  | 30                     | 8                      | 14        | 0,28                       | 34                     | 10                     | 20        | 0,32                       |
| 18                              | 49,3                   | 46,07                  | 30                     | 8                      | 14        | 0,33                       | 37                     | 10                     | 20        | 0,38                       |
| 19                              | 51,9                   | 48,61                  | 30                     | 8                      | 14        | 0,36                       | 39                     | 10                     | 20        | 0,42                       |
| 20                              | 54,4                   | 51,14                  | 30                     | 8                      | 14        | 0,39                       | 40                     | 10                     | 20        | 0,48                       |
| 21                              | 57,0                   | 53,68                  | 35                     | 8                      | 14        | 0,42                       | 40                     | 10                     | 20        | 0,52                       |
| 22                              | 59,5                   | 56,21                  | 35                     | 8                      | 14        | 0,46                       | 40                     | 10                     | 20        | 0,58                       |
| 23                              | 62,0                   | 58,75                  | 35                     | 8                      | 14        | 0,50                       | 40                     | 10                     | 20        | 0,64                       |
| 24                              | 64,6                   | 61,29                  | 35                     | 8                      | 14        | 0,54                       | 40                     | 10                     | 20        | 0,71                       |
| 25                              | 67,5                   | 63,83                  | 35                     | 8                      | 14        | 0,60                       | 40                     | 10                     | 20        | 0,79                       |
| 26                              | 69,5                   | 66,37                  | 40                     | 10                     | 16        | 0,66                       | 50                     | 12                     | 22        | 0,87                       |
| 27                              | 72,2                   | 68,91                  | 40                     | 10                     | 16        | 0,67                       | 50                     | 12                     | 22        | 0,94                       |
| 28                              | 74,8                   | 71,45                  | 40                     | 10                     | 16        | 0,69                       | 50                     | 12                     | 22        | 1,03                       |
| 29                              | 77,3                   | 73,99                  | 40                     | 10                     | 16        | 0,70                       | 50                     | 12                     | 22        | 1,11                       |
| 30                              | 79,8                   | 76,53                  | 40                     | 10                     | 16        | 0,72                       | 50                     | 12                     | 22        | 1,20                       |
| 31                              | 82,4                   | 79,08                  | 40                     | 10                     | 16        | 0,87                       | 60                     | 12                     | 22        | 1,27                       |
| 32                              | 84,9                   | 81,61                  | 40                     | 10                     | 16        | 0,89                       | 60                     | 12                     | 22        | 1,32                       |
| 33                              | 87,5                   | 84,16                  | 40                     | 10                     | 16        | 0,91                       | 60                     | 12                     | 22        | 1,37                       |
| 34                              | 90,0                   | 86,70                  | 40                     | 10                     | 16        | 0,92                       | 60                     | 12                     | 22        | 1,43                       |
| 35                              | 92,5                   | 89,25                  | 40                     | 10                     | 16        | 0,95                       | 60                     | 12                     | 22        | 1,49                       |
| 36                              | 95,0                   | 91,79                  | 40                     | 10                     | 16        | 1,05                       | 60                     | 12                     | 22        | 1,70                       |
| 37                              | 97,6                   | 94,33                  | 40                     | 10                     | 16        | 1,09                       | 60                     | 12                     | 22        | 1,76                       |
| 38                              | 100,2                  | 96,88                  | 40                     | 10                     | 16        | 1,10                       | 60                     | 12                     | 22        | 1,81                       |
| 39                              | 102,7                  | 99,42                  | 40                     | 10                     | 16        | 1,12                       | 60                     | 12                     | 22        | 1,88                       |
| 40                              | 105,3                  | 101,97                 | 40                     | 10                     | 16        | 1,14                       | 60                     | 12                     | 22        | 1,95                       |
| 45                              | 118,0                  | 114,69                 | 60                     | 12                     | 20        | 1,66                       | -                      | -                      | -         | -                          |
| 50                              | 130,7                  | 127,41                 | 60                     | 12                     | 20        | 1,80                       | -                      | -                      | -         | -                          |
| 57                              | 148,6                  | 145,22                 | 80                     | 14                     | 20        | 1,96                       | -                      | -                      | -         | -                          |
| 76                              | 197,7                  | 193,59                 | 80                     | 20                     | 25        | 2,67                       | -                      | -                      | -         | -                          |

- Šíře disku je zvětšena pro počet zubů (Z) 57 a 76 na h = 4 mm.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

- Sprocket width is for teeth number (Z) 57 and 76 increased to h = 4 mm.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

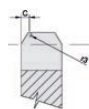
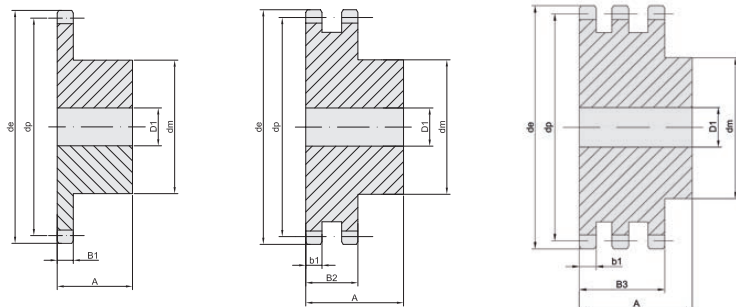


# Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



**06B-1-2-3**



| Řetěz • Chain                    |                |          |
|----------------------------------|----------------|----------|
| Rozteč • Pitch                   | P              | 9,525 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 5,72 mm  |
| Průměr válečku • Roller diameter | D              | 6,35 mm  |

| Řetězové kolo • Sprocket             |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 10 mm   |
| Šířka zaoblení • Radius width        | C  | 1,0 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 5,3 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 5,2 mm  |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 15,4 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>   | 25,6 mm |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 28,0                   | 24,89                  | 15                     | 66                     | 22        | 0,03                       | 15                     | 6                      | 22        | 0,04                       | 15                     | 6                      | 32        | 0,05                       |
| 9                               | 31,0                   | 27,85                  | 18                     | 8                      | 22        | 0,04                       | 18                     | 8                      | 22        | 0,05                       | 18                     | 8                      | 32        | 0,07                       |
| 10                              | 34,0                   | 30,82                  | 20                     | 8                      | 22        | 0,05                       | 20                     | 8                      | 22        | 0,07                       | 20                     | 8                      | 32        | 0,09                       |
| 11                              | 37,0                   | 33,8                   | 22                     | 8                      | 25        | 0,08                       | 22                     | 10                     | 25        | 0,10                       | 22                     | 10                     | 32        | 0,11                       |
| 12                              | 40,0                   | 36,8                   | 25                     | 8                      | 25        | 0,10                       | 25                     | 10                     | 25        | 0,13                       | 25                     | 10                     | 35        | 0,15                       |
| 13                              | 43,0                   | 39,79                  | 28                     | 10                     | 25        | 0,13                       | 28                     | 10                     | 25        | 0,16                       | 28                     | 10                     | 35        | 0,19                       |
| 14                              | 46,3                   | 42,8                   | 31                     | 10                     | 25        | 0,16                       | 31                     | 10                     | 25        | 0,20                       | 31                     | 10                     | 35        | 0,23                       |
| 15                              | 49,3                   | 45,81                  | 34                     | 10                     | 25        | 0,19                       | 34                     | 10                     | 25        | 0,24                       | 34                     | 12                     | 35        | 0,28                       |
| 16                              | 52,3                   | 48,82                  | 37                     | 10                     | 28        | 0,24                       | 37                     | 12                     | 30        | 0,27                       | 37                     | 12                     | 35        | 0,33                       |
| 17                              | 55,3                   | 51,83                  | 40                     | 10                     | 28        | 0,28                       | 40                     | 12                     | 30        | 0,32                       | 40                     | 12                     | 35        | 0,39                       |
| 18                              | 58,3                   | 54,85                  | 43                     | 10                     | 28        | 0,33                       | 43                     | 12                     | 30        | 0,38                       | 43                     | 12                     | 35        | 0,45                       |
| 19                              | 61,3                   | 57,87                  | 45                     | 10                     | 28        | 0,36                       | 46                     | 12                     | 30        | 0,42                       | 46                     | 12                     | 35        | 0,51                       |
| 20                              | 64,3                   | 60,89                  | 46                     | 10                     | 28        | 0,39                       | 49                     | 12                     | 30        | 0,48                       | 49                     | 12                     | 40        | 0,58                       |
| 21                              | 68,0                   | 63,91                  | 48                     | 12                     | 28        | 0,42                       | 52                     | 12                     | 30        | 0,52                       | 52                     | 14                     | 40        | 0,70                       |
| 22                              | 71,0                   | 66,93                  | 50                     | 12                     | 28        | 0,46                       | 55                     | 12                     | 30        | 0,58                       | 55                     | 14                     | 40        | 0,78                       |
| 23                              | 73,5                   | 69,95                  | 52                     | 12                     | 28        | 0,50                       | 58                     | 12                     | 30        | 0,64                       | 58                     | 14                     | 40        | 0,87                       |
| 24                              | 77,0                   | 72,97                  | 54                     | 12                     | 28        | 0,54                       | 61                     | 12                     | 30        | 0,71                       | 61                     | 14                     | 40        | 0,97                       |
| 25                              | 80,0                   | 76                     | 57                     | 12                     | 28        | 0,60                       | 64                     | 12                     | 30        | 0,79                       | 64                     | 14                     | 40        | 1,06                       |
| 26                              | 83,0                   | 79,02                  | 60                     | 12                     | 28        | 0,66                       | 67                     | 12                     | 30        | 0,87                       | 67                     | 14                     | 40        | 1,17                       |
| 27                              | 86,0                   | 82,05                  | 60                     | 12                     | 28        | 0,67                       | 70                     | 12                     | 30        | 0,94                       | 70                     | 14                     | 40        | 1,27                       |
| 28                              | 89,0                   | 85,07                  | 60                     | 12                     | 28        | 0,69                       | 73                     | 12                     | 30        | 1,03                       | 73                     | 14                     | 40        | 1,39                       |
| 29                              | 92,0                   | 88,09                  | 60                     | 12                     | 28        | 0,70                       | 76                     | 12                     | 30        | 1,11                       | 76                     | 14                     | 40        | 1,50                       |
| 30                              | 94,7                   | 91,12                  | 60                     | 12                     | 30        | 0,72                       | 79                     | 12                     | 30        | 1,20                       | 79                     | 14                     | 40        | 1,62                       |
| 31                              | 98,3                   | 94,15                  | 65                     | 14                     | 30        | 0,87                       | 80                     | 16                     | 30        | 1,27                       | 80                     | 16                     | 40        | 1,80                       |
| 32                              | 101,3                  | 97,17                  | 65                     | 14                     | 30        | 0,89                       | 80                     | 16                     | 30        | 1,32                       | 80                     | 16                     | 40        | 1,89                       |
| 33                              | 104,3                  | 100,2                  | 65                     | 14                     | 30        | 0,91                       | 80                     | 16                     | 30        | 1,37                       | 80                     | 16                     | 40        | 2,06                       |
| 34                              | 107,3                  | 103,2                  | 65                     | 14                     | 30        | 0,92                       | 80                     | 16                     | 30        | 1,43                       | 85                     | 16                     | 40        | 2,15                       |
| 35                              | 110,4                  | 106,3                  | 65                     | 14                     | 30        | 0,95                       | 80                     | 16                     | 30        | 1,49                       | 85                     | 16                     | 40        | 2,33                       |
| 36                              | 113,4                  | 109,3                  | 70                     | 16                     | 30        | 1,05                       | 90                     | 16                     | 30        | 1,70                       | 90                     | 16                     | 40        | 2,43                       |
| 37                              | 116,4                  | 112,3                  | 70                     | 16                     | 30        | 1,09                       | 90                     | 16                     | 30        | 1,76                       | 90                     | 16                     | 40        | 2,53                       |
| 38                              | 119,5                  | 115,4                  | 70                     | 16                     | 30        | 1,10                       | 90                     | 16                     | 30        | 1,81                       | 90                     | 16                     | 40        | 2,63                       |
| 39                              | 122,5                  | 118,4                  | 70                     | 16                     | 30        | 1,12                       | 90                     | 16                     | 30        | 1,88                       | 90                     | 16                     | 40        | 2,74                       |
| 40                              | 125,5                  | 121,4                  | 70                     | 16                     | 30        | 1,14                       | 90                     | 16                     | 30        | 1,95                       | 90                     | 16                     | 40        | 4,15                       |

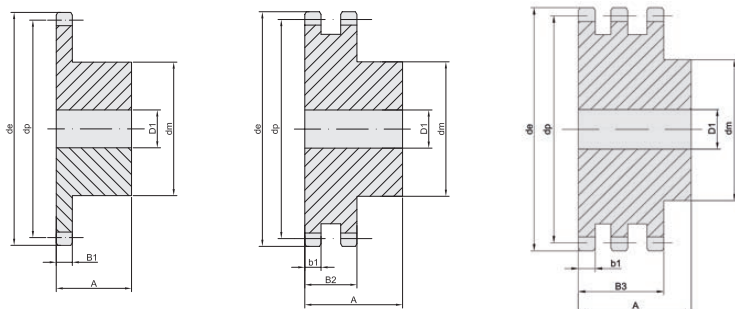
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

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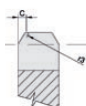


## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



### 08B-1-2-3



| Řetěz • Chain                    |                |         |
|----------------------------------|----------------|---------|
| Rozteč • Pitch                   | P              | 12,7 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 7,75 mm |
| Průměr válečku • Roller diameter | D              | 8,51 mm |

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 13 mm   |
| Šířka zaoblení • Radius width        | C   | 1,3 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 7,2 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 7 mm    |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 21 mm   |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 34,9 mm |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 37,2                   | 33,18                  | 20                     | 10                     | 25        | 0,06                       | 20                     | 10                     | 32        | 0,09                       | 20                     | 10                     | 46        | 0,13                       |
| 9                               | 41,0                   | 37,13                  | 24                     | 10                     | 25        | 0,09                       | 24                     | 10                     | 32        | 0,13                       | 24                     | 12                     | 46        | 0,18                       |
| 10                              | 45,2                   | 41,10                  | 26                     | 10                     | 25        | 0,12                       | 28                     | 10                     | 32        | 0,18                       | 28                     | 12                     | 46        | 0,24                       |
| 11                              | 48,7                   | 45,07                  | 29                     | 10                     | 25        | 0,15                       | 32                     | 12                     | 35        | 0,24                       | 32                     | 14                     | 50        | 0,31                       |
| 12                              | 53,0                   | 49,07                  | 33                     | 10                     | 28        | 0,21                       | 35                     | 12                     | 35        | 0,30                       | 35                     | 14                     | 50        | 0,39                       |
| 13                              | 57,4                   | 53,06                  | 37                     | 10                     | 28        | 0,26                       | 38                     | 12                     | 35        | 0,36                       | 38                     | 14                     | 50        | 0,49                       |
| 14                              | 61,8                   | 57,07                  | 41                     | 10                     | 28        | 0,32                       | 42                     | 12                     | 35        | 0,44                       | 42                     | 14                     | 50        | 0,60                       |
| 15                              | 65,5                   | 61,09                  | 45                     | 10                     | 28        | 0,38                       | 46                     | 12                     | 35        | 0,52                       | 46                     | 14                     | 50        | 0,72                       |
| 16                              | 69,5                   | 65,10                  | 50                     | 12                     | 28        | 0,46                       | 50                     | 14                     | 35        | 0,63                       | 50                     | 16                     | 50        | 0,85                       |
| 17                              | 73,6                   | 69,11                  | 52                     | 12                     | 28        | 0,51                       | 54                     | 14                     | 35        | 0,73                       | 54                     | 16                     | 50        | 0,99                       |
| 18                              | 77,8                   | 73,14                  | 56                     | 12                     | 28        | 0,59                       | 58                     | 14                     | 35        | 0,85                       | 58                     | 16                     | 50        | 1,14                       |
| 19                              | 81,7                   | 77,16                  | 60                     | 12                     | 28        | 0,67                       | 62                     | 14                     | 35        | 0,97                       | 62                     | 16                     | 50        | 1,30                       |
| 20                              | 85,8                   | 81,19                  | 64                     | 12                     | 28        | 0,76                       | 66                     | 14                     | 35        | 1,10                       | 66                     | 16                     | 50        | 1,47                       |
| 21                              | 89,7                   | 85,22                  | 68                     | 12                     | 28        | 0,85                       | 70                     | 16                     | 40        | 1,29                       | 70                     | 20                     | 55        | 1,79                       |
| 22                              | 93,8                   | 89,24                  | 70                     | 12                     | 28        | 0,91                       | 70                     | 16                     | 40        | 1,37                       | 70                     | 20                     | 55        | 1,93                       |
| 23                              | 98,2                   | 93,27                  | 70                     | 14                     | 28        | 0,95                       | 70                     | 16                     | 40        | 1,46                       | 70                     | 20                     | 55        | 2,08                       |
| 24                              | 101,8                  | 97,29                  | 70                     | 14                     | 28        | 0,98                       | 75                     | 16                     | 40        | 1,64                       | 75                     | 20                     | 55        | 2,32                       |
| 25                              | 105,8                  | 101,33                 | 70                     | 16                     | 28        | 1,01                       | 80                     | 16                     | 40        | 1,82                       | 80                     | 20                     | 55        | 2,57                       |
| 26                              | 110,0                  | 105,36                 | 70                     | 16                     | 30        | 1,09                       | 85                     | 20                     | 40        | 2,02                       | 85                     | 20                     | 55        | 2,79                       |
| 27                              | 114,0                  | 109,40                 | 70                     | 16                     | 30        | 1,13                       | 85                     | 20                     | 40        | 2,12                       | 85                     | 20                     | 55        | 2,96                       |
| 28                              | 118,0                  | 113,42                 | 70                     | 16                     | 30        | 1,17                       | 90                     | 20                     | 40        | 2,34                       | 90                     | 20                     | 55        | 3,25                       |
| 29                              | 122,0                  | 117,46                 | 80                     | 16                     | 30        | 1,42                       | 95                     | 20                     | 40        | 2,56                       | 95                     | 20                     | 55        | 3,55                       |
| 30                              | 126,1                  | 121,50                 | 80                     | 16                     | 30        | 1,46                       | 100                    | 20                     | 40        | 2,79                       | 100                    | 20                     | 55        | 3,86                       |
| 31                              | 130,2                  | 125,54                 | 90                     | 16                     | 30        | 1,74                       | 100                    | 20                     | 40        | 2,87                       | 110                    | 20                     | 55        | 4,32                       |
| 32                              | 134,3                  | 129,56                 | 90                     | 16                     | 30        | 1,78                       | 100                    | 20                     | 40        | 3,00                       | 110                    | 20                     | 55        | 4,53                       |
| 33                              | 138,4                  | 133,60                 | 90                     | 16                     | 30        | 1,83                       | 100                    | 20                     | 40        | 3,13                       | 110                    | 20                     | 55        | 4,74                       |
| 34                              | 142,6                  | 137,64                 | 90                     | 16                     | 30        | 1,88                       | 100                    | 20                     | 40        | 3,26                       | 110                    | 20                     | 55        | 4,97                       |
| 35                              | 146,7                  | 141,68                 | 90                     | 16                     | 30        | 1,93                       | 100                    | 20                     | 40        | 3,40                       | 110                    | 20                     | 55        | 5,20                       |
| 36                              | 151,0                  | 145,72                 | 90                     | 16                     | 35        | 2,22                       | 110                    | 20                     | 40        | 3,54                       | 120                    | 25                     | 55        | 5,64                       |
| 37                              | 154,6                  | 149,76                 | 90                     | 16                     | 35        | 2,27                       | 110                    | 20                     | 40        | 3,69                       | 120                    | 25                     | 55        | 5,88                       |
| 38                              | 158,6                  | 153,83                 | 90                     | 16                     | 35        | 2,32                       | 110                    | 20                     | 40        | 3,84                       | 120                    | 25                     | 55        | 6,14                       |
| 39                              | 162,7                  | 157,83                 | 90                     | 16                     | 35        | 2,38                       | 110                    | 20                     | 40        | 4,00                       | 120                    | 25                     | 55        | 6,40                       |
| 40                              | 166,8                  | 161,87                 | 90                     | 16                     | 35        | 2,43                       | 110                    | 20                     | 40        | 4,15                       | 120                    | 25                     | 55        | 6,66                       |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

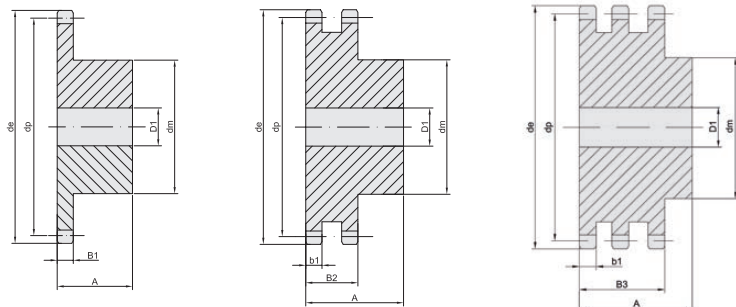


# Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



**10B-1-2-3**



| Řetěz • Chain                    |                |           |
|----------------------------------|----------------|-----------|
| Rozteč • Pitch                   | P              | 15,875 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 9,65 mm   |
| Průměr válečku • Roller diameter | D              | 10,16 mm  |

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 16 mm   |
| Šířka zaoblení • Radius width        | C   | 1,6 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 9,1 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 9 mm    |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 25,5 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 42,1 mm |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

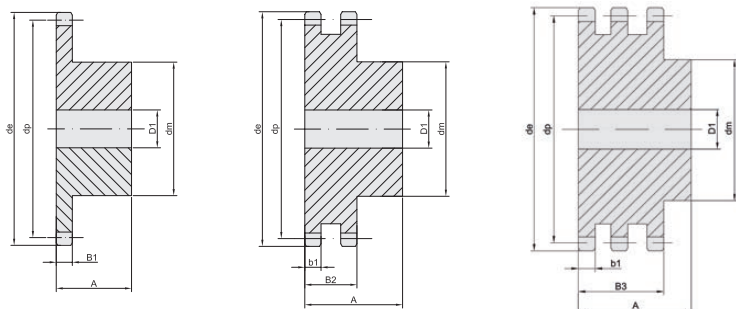
| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 47,0                   | 41,48                  | 25                     | 10                     | 25        | 0,12                       | 25                     | 12                     | 40        | 0,19                       | 25                     | 12                     | 55        | 0,27                       |
| 9                               | 52,6                   | 46,42                  | 30                     | 10                     | 25        | 0,16                       | 30                     | 12                     | 40        | 0,27                       | 30                     | 12                     | 55        | 0,38                       |
| 10                              | 57,5                   | 51,37                  | 35                     | 10                     | 25        | 0,22                       | 35                     | 12                     | 40        | 0,36                       | 35                     | 16                     | 55        | 0,47                       |
| 11                              | 63,0                   | 56,34                  | 37                     | 12                     | 30        | 0,29                       | 39                     | 14                     | 40        | 0,43                       | 39                     | 16                     | 55        | 0,61                       |
| 12                              | 68,0                   | 61,36                  | 42                     | 12                     | 30        | 0,37                       | 44                     | 14                     | 40        | 0,55                       | 44                     | 16                     | 55        | 0,78                       |
| 13                              | 73,0                   | 66,32                  | 47                     | 12                     | 30        | 0,46                       | 49                     | 14                     | 40        | 0,68                       | 49                     | 16                     | 55        | 0,96                       |
| 14                              | 78,0                   | 71,34                  | 52                     | 12                     | 30        | 0,56                       | 54                     | 14                     | 40        | 0,82                       | 54                     | 16                     | 55        | 1,15                       |
| 15                              | 83,0                   | 76,36                  | 57                     | 12                     | 30        | 0,67                       | 59                     | 14                     | 40        | 0,97                       | 59                     | 16                     | 55        | 1,37                       |
| 16                              | 88,0                   | 81,37                  | 60                     | 12                     | 30        | 0,76                       | 64                     | 16                     | 45        | 1,26                       | 64                     | 16                     | 60        | 1,72                       |
| 17                              | 93,0                   | 86,39                  | 60                     | 12                     | 30        | 0,88                       | 69                     | 16                     | 45        | 1,46                       | 69                     | 16                     | 60        | 1,99                       |
| 18                              | 98,3                   | 91,42                  | 70                     | 14                     | 30        | 1,01                       | 74                     | 16                     | 45        | 1,67                       | 74                     | 16                     | 60        | 2,27                       |
| 19                              | 103,3                  | 96,45                  | 70                     | 14                     | 30        | 1,15                       | 79                     | 16                     | 45        | 1,90                       | 79                     | 16                     | 60        | 2,58                       |
| 20                              | 108,4                  | 101,49                 | 75                     | 14                     | 30        | 1,21                       | 84                     | 16                     | 45        | 2,14                       | 84                     | 16                     | 60        | 2,91                       |
| 21                              | 113,4                  | 106,52                 | 75                     | 16                     | 30        | 1,35                       | 85                     | 16                     | 45        | 2,27                       | 85                     | 20                     | 60        | 3,12                       |
| 22                              | 118,0                  | 111,55                 | 80                     | 16                     | 30        | 1,41                       | 90                     | 16                     | 45        | 2,54                       | 90                     | 20                     | 60        | 3,48                       |
| 23                              | 123,4                  | 116,58                 | 80                     | 16                     | 30        | 1,47                       | 95                     | 16                     | 45        | 2,82                       | 95                     | 20                     | 60        | 3,86                       |
| 24                              | 128,3                  | 121,62                 | 80                     | 16                     | 30        | 1,54                       | 100                    | 16                     | 45        | 3,11                       | 100                    | 20                     | 60        | 4,25                       |
| 25                              | 134,0                  | 126,66                 | 80                     | 16                     | 30        | 1,60                       | 105                    | 16                     | 45        | 3,15                       | 105                    | 20                     | 60        | 4,67                       |
| 26                              | 139,0                  | 131,70                 | 85                     | 20                     | 35        | 1,96                       | 110                    | 20                     | 45        | 3,74                       | 110                    | 20                     | 60        | 5,10                       |
| 27                              | 144,0                  | 136,75                 | 85                     | 20                     | 35        | 2,04                       | 110                    | 20                     | 45        | 3,94                       | 110                    | 20                     | 60        | 5,43                       |
| 28                              | 148,7                  | 141,78                 | 90                     | 20                     | 35        | 2,25                       | 115                    | 20                     | 45        | 4,28                       | 115                    | 20                     | 60        | 5,90                       |
| 29                              | 153,8                  | 146,83                 | 90                     | 20                     | 35        | 2,33                       | 115                    | 20                     | 45        | 4,50                       | 115                    | 20                     | 60        | 6,25                       |
| 30                              | 158,8                  | 151,87                 | 90                     | 20                     | 35        | 2,41                       | 120                    | 20                     | 45        | 4,87                       | 120                    | 20                     | 60        | 6,65                       |
| 31                              | 163,9                  | 156,92                 | 95                     | 20                     | 35        | 2,64                       | 120                    | 20                     | 45        | 5,10                       | 120                    | 20                     | 60        | 7,18                       |
| 32                              | 168,9                  | 161,95                 | 95                     | 20                     | 35        | 2,73                       | 120                    | 20                     | 45        | 5,34                       | 120                    | 20                     | 60        | 7,56                       |
| 33                              | 174,5                  | 167,00                 | 95                     | 20                     | 35        | 2,82                       | 120                    | 20                     | 45        | 5,59                       | 120                    | 20                     | 60        | 7,97                       |
| 34                              | 179,0                  | 172,05                 | 95                     | 20                     | 35        | 2,92                       | 120                    | 20                     | 45        | 5,84                       | 120                    | 20                     | 60        | 8,36                       |
| 35                              | 184,1                  | 177,10                 | 95                     | 20                     | 35        | 3,01                       | 120                    | 20                     | 45        | 6,11                       | 120                    | 20                     | 60        | 8,74                       |
| 36                              | 189,1                  | 182,15                 | 100                    | 20                     | 35        | 3,27                       | 120                    | 20                     | 45        | 6,38                       | 120                    | 25                     | 60        | 9,15                       |
| 37                              | 194,2                  | 187,20                 | 100                    | 20                     | 35        | 3,37                       | 120                    | 20                     | 45        | 6,66                       | 120                    | 25                     | 60        | 9,61                       |
| 38                              | 199,2                  | 192,24                 | 100                    | 20                     | 35        | 3,47                       | 120                    | 20                     | 45        | 6,95                       | 120                    | 25                     | 60        | 10,08                      |
| 39                              | 204,2                  | 197,29                 | 100                    | 20                     | 35        | 3,58                       | 120                    | 20                     | 45        | 7,25                       | 120                    | 25                     | 60        | 10,57                      |
| 40                              | 209,3                  | 202,34                 | 100                    | 20                     | 35        | 3,69                       | 120                    | 20                     | 45        | 7,55                       | 120                    | 25                     | 60        | 11,07                      |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

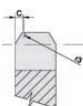
• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



### 12B-1-2-3



| Řetěz • Chain                    |                |          |  |
|----------------------------------|----------------|----------|--|
| Rozteč • Pitch                   | P              | 19,05 mm |  |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 11,68 mm |  |
| Průměr válečku • Roller diameter | D              | 12,07 mm |  |

| Řetězové kolo • Sprocket             |   |         |  |
|--------------------------------------|---|---------|--|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 19 mm   |  |
| Šířka zaoblení • Radius width        | C   | 2 mm    |  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 11,1 mm |  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 10,8 mm |  |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 30,3 mm |  |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 49,8 mm |  |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |  |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 57,6                   | 49,78                  | 31                     | 12                     | 30        | 0,21                       | 31                     | 12                     | 45        | 0,31                       | 31                     | 16                     | 65        | 0,45                       |
| 9                               | 62,0                   | 55,70                  | 37                     | 12                     | 30        | 0,29                       | 37                     | 12                     | 45        | 0,44                       | 37                     | 16                     | 65        | 0,64                       |
| 10                              | 69,0                   | 61,64                  | 42                     | 12                     | 30        | 0,38                       | 42                     | 12                     | 45        | 0,59                       | 42                     | 16                     | 65        | 0,86                       |
| 11                              | 75,0                   | 67,61                  | 46                     | 14                     | 35        | 0,51                       | 47                     | 16                     | 50        | 0,81                       | 47                     | 20                     | 70        | 1,09                       |
| 12                              | 81,5                   | 73,61                  | 52                     | 14                     | 35        | 0,65                       | 53                     | 16                     | 50        | 1,02                       | 53                     | 20                     | 70        | 1,39                       |
| 13                              | 87,5                   | 79,59                  | 58                     | 14                     | 35        | 0,80                       | 59                     | 16                     | 50        | 1,25                       | 59                     | 20                     | 70        | 1,72                       |
| 14                              | 93,6                   | 85,61                  | 64                     | 14                     | 35        | 0,97                       | 65                     | 16                     | 50        | 1,46                       | 65                     | 20                     | 70        | 2,08                       |
| 15                              | 99,8                   | 91,63                  | 70                     | 14                     | 35        | 1,16                       | 71                     | 16                     | 50        | 1,74                       | 71                     | 20                     | 70        | 2,47                       |
| 16                              | 105,5                  | 97,65                  | 75                     | 16                     | 35        | 1,34                       | 77                     | 20                     | 50        | 2,03                       | 77                     | 20                     | 70        | 2,89                       |
| 17                              | 111,5                  | 103,67                 | 80                     | 16                     | 35        | 1,53                       | 83                     | 20                     | 50        | 2,36                       | 83                     | 20                     | 70        | 3,34                       |
| 18                              | 118,0                  | 109,71                 | 80                     | 16                     | 35        | 1,62                       | 89                     | 20                     | 50        | 2,70                       | 89                     | 20                     | 70        | 3,83                       |
| 19                              | 124,2                  | 115,75                 | 80                     | 16                     | 35        | 1,70                       | 95                     | 20                     | 50        | 3,07                       | 95                     | 20                     | 70        | 4,35                       |
| 20                              | 129,7                  | 121,78                 | 80                     | 16                     | 35        | 1,80                       | 100                    | 20                     | 50        | 3,43                       | 100                    | 20                     | 70        | 4,87                       |
| 21                              | 136,0                  | 127,82                 | 90                     | 20                     | 40        | 2,35                       | 100                    | 20                     | 50        | 3,69                       | 100                    | 20                     | 70        | 5,20                       |
| 22                              | 141,8                  | 133,86                 | 90                     | 20                     | 40        | 2,46                       | 100                    | 20                     | 50        | 3,97                       | 100                    | 20                     | 70        | 5,65                       |
| 23                              | 149,0                  | 139,9                  | 90                     | 20                     | 40        | 2,56                       | 110                    | 20                     | 50        | 4,51                       | 110                    | 20                     | 70        | 6,38                       |
| 24                              | 153,9                  | 145,94                 | 90                     | 20                     | 40        | 2,68                       | 110                    | 20                     | 50        | 4,81                       | 110                    | 20                     | 70        | 6,87                       |
| 25                              | 160,0                  | 152,00                 | 90                     | 20                     | 40        | 2,80                       | 120                    | 20                     | 50        | 5,41                       | 120                    | 20                     | 70        | 7,77                       |
| 26                              | 165,9                  | 158,04                 | 95                     | 20                     | 40        | 3,08                       | 120                    | 20                     | 50        | 5,73                       | 120                    | 20                     | 70        | 8,21                       |
| 27                              | 172,3                  | 164,09                 | 95                     | 20                     | 40        | 3,21                       | 120                    | 20                     | 50        | 6,08                       | 120                    | 20                     | 70        | 8,77                       |
| 28                              | 178,0                  | 170,13                 | 95                     | 20                     | 40        | 3,34                       | 120                    | 20                     | 50        | 6,43                       | 120                    | 20                     | 70        | 9,35                       |
| 29                              | 184,1                  | 176,19                 | 95                     | 20                     | 40        | 3,48                       | 120                    | 20                     | 50        | 6,80                       | 120                    | 20                     | 70        | 9,96                       |
| 30                              | 190,5                  | 182,25                 | 95                     | 20                     | 40        | 3,63                       | 120                    | 20                     | 50        | 7,19                       | 120                    | 20                     | 70        | 10,59                      |
| 31                              | 196,3                  | 188,31                 | 100                    | 20                     | 40        | 3,78                       | 130                    | 20                     | 50        | 7,59                       | 130                    | 25                     | 70        | 11,55                      |
| 32                              | 203,3                  | 194,35                 | 100                    | 20                     | 40        | 3,93                       | 130                    | 20                     | 50        | 8,00                       | 130                    | 25                     | 70        | 12,22                      |
| 33                              | 209,3                  | 200,40                 | 100                    | 20                     | 40        | 4,09                       | 130                    | 20                     | 50        | 8,42                       | 130                    | 25                     | 70        | 12,92                      |
| 34                              | 214,6                  | 206,46                 | 100                    | 20                     | 40        | 4,25                       | 130                    | 20                     | 50        | 8,86                       | 130                    | 25                     | 70        | 13,64                      |
| 35                              | 221,0                  | 212,52                 | 100                    | 20                     | 40        | 4,42                       | 130                    | 20                     | 50        | 9,31                       | 130                    | 25                     | 70        | 14,38                      |
| 36                              | 226,8                  | 218,58                 | 100                    | 20                     | 40        | 4,71                       | 130                    | 25                     | 50        | 9,71                       | 130                    | 25                     | 70        | 15,14                      |
| 37                              | 232,9                  | 224,64                 | 100                    | 20                     | 40        | 4,89                       | 130                    | 25                     | 50        | 10,19                      | 130                    | 25                     | 70        | 15,93                      |
| 38                              | 239,0                  | 230,69                 | 100                    | 20                     | 40        | 5,07                       | 130                    | 25                     | 50        | 10,78                      | 130                    | 25                     | 70        | 16,73                      |
| 39                              | 245,1                  | 236,75                 | 100                    | 20                     | 40        | 5,26                       | 130                    | 25                     | 50        | 11,19                      | 130                    | 25                     | 70        | 17,57                      |
| 40                              | 251,3                  | 242,81                 | 100                    | 20                     | 40        | 5,46                       | 130                    | 25                     | 50        | 11,71                      | 130                    | 25                     | 70        | 18,42                      |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

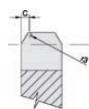
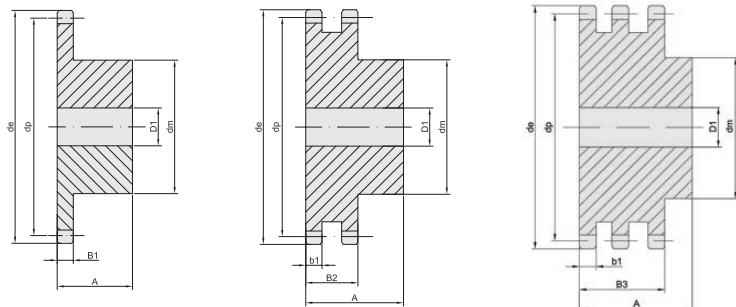


# Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



16B-1-2-3



| Řetěz • Chain                    |                         |
|----------------------------------|-------------------------|
| Rozteč • Pitch                   | P 25,4 mm               |
| Vnitřní šířka • Inner width      | b <sub>1</sub> 17,02 mm |
| Průměr válečku • Roller diameter | D 15,88 mm              |

| Řetězové kolo • Sprocket             |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 26 mm   |
| Šířka zaoblení • Radius width        | C  | 2,5 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 16,2 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 15,8 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 47,7 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>   | 79,6 mm |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened<br>St52-3 |         |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 77,0                   | 66,37                  | 42                     | 16                     | 35        | 0,47                       | 42                     | 16                     | 65        | 0,81                       | 42                     | 20                     | 95        | 1,19                       |
| 9                               | 85,0                   | 74,27                  | 50                     | 16                     | 35        | 0,66                       | 50                     | 16                     | 65        | 1,15                       | 50                     | 20                     | 95        | 1,68                       |
| 10                              | 93,0                   | 82,19                  | 55                     | 16                     | 35        | 0,83                       | 56                     | 16                     | 65        | 1,52                       | 56                     | 20                     | 95        | 2,24                       |
| 11                              | 99,5                   | 90,14                  | 61                     | 16                     | 40        | 1,14                       | 64                     | 20                     | 70        | 2,08                       | 64                     | 25                     | 100       | 2,86                       |
| 12                              | 109,0                  | 98,14                  | 69                     | 16                     | 40        | 1,77                       | 72                     | 20                     | 70        | 2,60                       | 72                     | 25                     | 100       | 3,62                       |
| 13                              | 117,0                  | 106,12                 | 78                     | 16                     | 40        | 2,08                       | 80                     | 20                     | 70        | 3,18                       | 80                     | 25                     | 100       | 4,45                       |
| 14                              | 125,0                  | 114,15                 | 84                     | 16                     | 40        | 2,46                       | 88                     | 20                     | 70        | 3,82                       | 88                     | 25                     | 100       | 5,37                       |
| 15                              | 133,0                  | 122,17                 | 92                     | 16                     | 40        | 3,14                       | 96                     | 20                     | 70        | 4,51                       | 96                     | 25                     | 100       | 6,37                       |
| 16                              | 141,0                  | 130,20                 | 100                    | 20                     | 45        | 3,33                       | 104                    | 20                     | 70        | 5,17                       | 104                    | 30                     | 100       | 7,45                       |
| 17                              | 149,0                  | 138,22                 | 100                    | 20                     | 45        | 3,56                       | 112                    | 20                     | 70        | 5,98                       | 112                    | 30                     | 100       | 8,60                       |
| 18                              | 157,0                  | 146,28                 | 100                    | 20                     | 45        | 3,78                       | 120                    | 20                     | 70        | 6,84                       | 120                    | 30                     | 100       | 9,84                       |
| 19                              | 165,2                  | 154,33                 | 100                    | 20                     | 45        | 4,03                       | 128                    | 20                     | 70        | 7,76                       | 128                    | 30                     | 100       | 11,16                      |
| 20                              | 173,2                  | 162,28                 | 100                    | 20                     | 45        | 5,01                       | 130                    | 20                     | 70        | 8,52                       | 130                    | 30                     | 100       | 12,36                      |
| 21                              | 181,2                  | 170,43                 | 110                    | 20                     | 50        | 5,28                       | 130                    | 25                     | 70        | 9,24                       | 130                    | 30                     | 100       | 13,56                      |
| 22                              | 189,3                  | 178,48                 | 110                    | 20                     | 50        | 5,56                       | *130                   | 25                     | 70        | 10,00                      | *130                   | 30                     | 100       | 14,82                      |
| 23                              | 197,5                  | 186,53                 | 110                    | 20                     | 50        | 5,86                       | *130                   | 25                     | 70        | 10,80                      | *130                   | 30                     | 100       | 16,15                      |
| 24                              | 205,5                  | 194,59                 | 110                    | 20                     | 50        | 6,16                       | *130                   | 25                     | 70        | 11,64                      | *130                   | 30                     | 100       | 17,53                      |
| 25                              | 213,5                  | 202,66                 | 110                    | 20                     | 50        | 6,96                       | *130                   | 25                     | 70        | 12,52                      | *130                   | 30                     | 100       | 18,99                      |
| 26                              | 221,6                  | 210,72                 | 120                    | 20                     | 50        | 7,30                       | *130                   | 25                     | 70        | 13,43                      | *130                   | 30                     | 100       | 20,34                      |
| 27                              | 229,6                  | 218,79                 | 120                    | 20                     | 50        | 7,64                       | *130                   | 25                     | 70        | 14,38                      | *130                   | 30                     | 100       | 21,92                      |
| 28                              | 237,7                  | 226,85                 | 120                    | 20                     | 50        | 8,00                       | *130                   | 25                     | 70        | 15,38                      | *130                   | 30                     | 100       | 23,57                      |
| 29                              | 245,8                  | 234,92                 | 120                    | 20                     | 50        | 8,38                       | *130                   | 25                     | 70        | 16,41                      | *130                   | 30                     | 100       | 25,27                      |
| 30                              | 254,0                  | 243,00                 | 120                    | 20                     | 50        | 8,69                       | *130                   | 25                     | 70        | 17,48                      | *130                   | 30                     | 100       | 27,05                      |
| 31                              | 262,0                  | 251,08                 | *120                   | 25                     | 50        | 9,09                       | *140                   | 25                     | 70        | 18,86                      | *140                   | 30                     | 100       | 29,23                      |
| 32                              | 270,0                  | 259,13                 | *120                   | 25                     | 50        | 9,50                       | *140                   | 25                     | 70        | 20,10                      | *140                   | 30                     | 100       | 31,13                      |
| 33                              | 278,5                  | 267,21                 | *120                   | 25                     | 50        | 9,93                       | *140                   | 25                     | 70        | 21,29                      | *140                   | 30                     | 100       | 33,10                      |
| 34                              | 287,0                  | 275,28                 | *120                   | 25                     | 50        | 10,36                      | *140                   | 25                     | 70        | 22,21                      | *140                   | 30                     | 100       | 35,13                      |
| 35                              | 296,2                  | 283,36                 | *120                   | 25                     | 50        | 10,81                      | *140                   | 25                     | 70        | 23,77                      | *140                   | 30                     | 100       | 37,23                      |
| 36                              | 304,6                  | 291,44                 | *120                   | 25                     | 50        | 11,28                      | *140                   | 25                     | 70        | 25,07                      | *140                   | 30                     | 100       | 39,39                      |
| 37                              | 312,6                  | 299,51                 | *120                   | 25                     | 50        | 11,76                      | *140                   | 25                     | 70        | 26,41                      | *140                   | 30                     | 100       | 41,54                      |
| 38                              | 320,7                  | 307,59                 | *120                   | 25                     | 50        | 12,25                      | *140                   | 25                     | 70        | 27,79                      | *140                   | 30                     | 100       | 43,90                      |
| 39                              | 328,8                  | 315,67                 | *120                   | 25                     | 50        | 12,75                      | *140                   | 25                     | 70        | 29,20                      | *140                   | 30                     | 100       | 46,20                      |
| 40                              | 336,9                  | 323,75                 | *120                   | 25                     | 50        | 16,54                      | *140                   | 25                     | 70        | 30,65                      | *140                   | 30                     | 100       | 48,67                      |

\* Řetězová kola s navařeným nábojem.

\* Sprockets with welded hub.

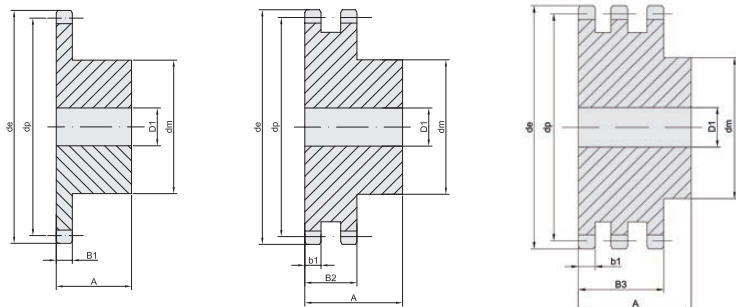
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

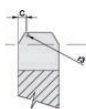


## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



### 20B-1-2-3



| Řetěz • Chain                    |                         |
|----------------------------------|-------------------------|
| Rozteč • Pitch                   | P 31,75 mm              |
| Vnitřní šířka • Inner width      | b <sub>1</sub> 19,56 mm |
| Průměr válečku • Roller diameter | D 19,05 mm              |

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 32 mm   |
| Šířka zaoblení • Radius width        | C   | 3,5 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 18,5 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 18,2 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 54,6 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 91 mm   |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened<br>St52-3 |         |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 98,1                   | 82,96                  | 53                     | 20                     | 40        | 1,73                       | 53                     | 20                     | 75        | 1,58                       | 53                     | 20                     | 110       | 2,15                       |
| 9                               | 108,0                  | 92,84                  | 63                     | 20                     | 40        | 2,24                       | 63                     | 20                     | 75        | 2,19                       | 63                     | 20                     | 110       | 3,05                       |
| 10                              | 117,9                  | 102,74                 | 70                     | 20                     | 40        | 2,73                       | 70                     | 20                     | 75        | 2,85                       | 70                     | 20                     | 110       | 4,04                       |
| 11                              | 127,8                  | 112,68                 | 77                     | 20                     | 45        | 3,16                       | 80                     | 20                     | 80        | 3,72                       | 80                     | 20                     | 115       | 5,19                       |
| 12                              | 137,8                  | 122,68                 | 88                     | 20                     | 45        | 4,24                       | 90                     | 20                     | 80        | 4,66                       | 90                     | 20                     | 115       | 6,55                       |
| 13                              | 147,8                  | 132,65                 | 98                     | 20                     | 45        | 5,07                       | 100                    | 20                     | 80        | 5,70                       | 100                    | 20                     | 115       | 8,06                       |
| 14                              | 157,8                  | 142,68                 | 108                    | 20                     | 45        | 5,42                       | 110                    | 20                     | 80        | 6,84                       | 110                    | 20                     | 115       | 9,71                       |
| 15                              | 167,9                  | 152,72                 | 118                    | 20                     | 45        | 6,98                       | 120                    | 20                     | 80        | 8,08                       | 120                    | 20                     | 115       | 11,50                      |
| 16                              | 177,9                  | 162,75                 | 120                    | 25                     | 50        | 7,92                       | 120                    | 25                     | 80        | 8,90                       | 120                    | 25                     | 115       | 13,06                      |
| 17                              | 187,9                  | 172,78                 | 120                    | 25                     | 50        | 8,34                       | *120                   | 25                     | 80        | 9,92                       | 120                    | 25                     | 115       | 14,65                      |
| 18                              | 198,0                  | 182,85                 | 120                    | 25                     | 50        | 8,78                       | *120                   | 25                     | 80        | 11,00                      | *120                   | 25                     | 115       | 16,54                      |
| 19                              | 208,1                  | 192,91                 | 120                    | 25                     | 50        | 9,24                       | *120                   | 25                     | 80        | 12,16                      | *120                   | 25                     | 115       | 18,45                      |
| 20                              | 218,1                  | 202,98                 | 120                    | 25                     | 50        | 9,73                       | *140                   | 25                     | 80        | 13,38                      | *120                   | 25                     | 115       | 20,48                      |
| 21                              | 228,2                  | 213,04                 | 140                    | 25                     | 55        | 12,43                      | *140                   | 25                     | 80        | 15,49                      | *140                   | 25                     | 115       | 23,38                      |
| 22                              | 238,3                  | 223,11                 | 140                    | 25                     | 55        | 12,96                      | *140                   | 25                     | 80        | 16,86                      | *140                   | 25                     | 115       | 25,64                      |
| 23                              | 248,3                  | 233,17                 | 140                    | 25                     | 55        | 13,52                      | *140                   | 25                     | 80        | 18,29                      | *140                   | 25                     | 115       | 28,00                      |
| 24                              | 258,4                  | 243,23                 | 140                    | 25                     | 55        | 14,10                      | *140                   | 25                     | 80        | 19,79                      | *140                   | 25                     | 115       | 30,49                      |
| 25                              | 268,5                  | 253,33                 | 140                    | 25                     | 55        | 14,70                      | *140                   | 25                     | 80        | 21,36                      | *140                   | 25                     | 115       | 33,09                      |
| 26                              | 278,6                  | 263,40                 | *150                   | 25                     | 55        | 16,30                      | *150                   | 25                     | 80        | 23,45                      | *150                   | 25                     | 115       | 36,23                      |
| 27                              | 288,6                  | 273,49                 | *150                   | 25                     | 55        | 16,94                      | *150                   | 25                     | 80        | 25,15                      | *150                   | 25                     | 115       | 39,06                      |
| 28                              | 298,7                  | 283,56                 | *150                   | 25                     | 55        | 17,62                      | *150                   | 25                     | 80        | 26,93                      | *150                   | 25                     | 115       | 42,00                      |
| 29                              | 308,8                  | 293,65                 | *150                   | 25                     | 55        | 18,31                      | *150                   | 25                     | 80        | 28,77                      | *150                   | 25                     | 115       | 45,13                      |
| 30                              | 318,9                  | 303,75                 | *150                   | 25                     | 55        | 19,03                      | *150                   | 25                     | 80        | 30,69                      | *150                   | 25                     | 115       | 48,23                      |
| 31                              | 329,0                  | 313,85                 | *160                   | 25                     | 55        | 20,82                      | *150                   | 25                     | 80        | 32,67                      | *150                   | 30                     | 115       | 51,66                      |
| 32                              | 339,1                  | 323,91                 | *160                   | 25                     | 55        | 21,58                      | *150                   | 25                     | 80        | 34,72                      | *150                   | 30                     | 115       | 54,91                      |
| 33                              | 349,2                  | 334,01                 | *160                   | 25                     | 55        | 22,37                      | *150                   | 25                     | 80        | 36,99                      | *150                   | 30                     | 115       | 58,60                      |
| 34                              | 359,3                  | 344,10                 | *160                   | 25                     | 55        | 23,18                      | *150                   | 25                     | 80        | 39,03                      | *150                   | 30                     | 115       | 62,06                      |
| 35                              | 369,4                  | 354,20                 | *160                   | 25                     | 55        | 24,01                      | *150                   | 25                     | 80        | 41,28                      | *150                   | 30                     | 115       | 65,80                      |
| 36                              | 379,5                  | 364,30                 | *160                   | 25                     | 55        | 24,87                      | *150                   | 30                     | 80        | 43,61                      | *150                   | 30                     | 115       | 69,66                      |
| 37                              | 389,5                  | 374,39                 | *160                   | 25                     | 55        | 25,74                      | *150                   | 30                     | 80        | 46,01                      | *150                   | 30                     | 115       | 73,71                      |
| 38                              | 399,6                  | 384,49                 | *160                   | 25                     | 55        | 26,65                      | *150                   | 30                     | 80        | 48,46                      | *150                   | 30                     | 115       | 77,72                      |
| 39                              | 409,7                  | 394,59                 | *160                   | 25                     | 55        | 27,57                      | *150                   | 30                     | 80        | 51,11                      | *150                   | 30                     | 115       | 82,19                      |
| 40                              | 419,8                  | 404,69                 | *160                   | 25                     | 55        | 28,52                      | *150                   | 30                     | 80        | 53,60                      | *150                   | 30                     | 115       | 86,24                      |

\* Řetězová kola s navařeným nábojem.

\* Sprockets with welded hub.

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

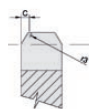
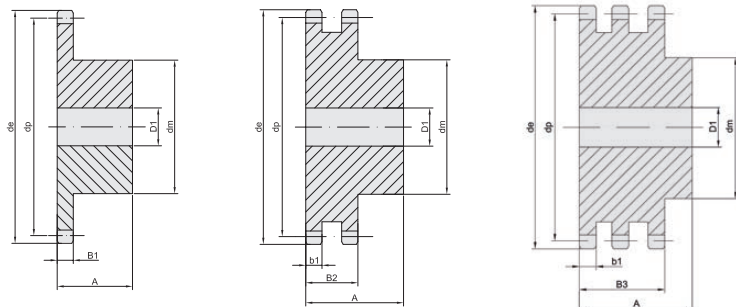


# Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



24B-1-2-3



| Řetěz • Chain                    |                |         |
|----------------------------------|----------------|---------|
| Rozteč • Pitch                   | P              | 38,1 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 25,4 mm |
| Průměr válečku • Roller diameter | D              | 25,4 mm |

| Řetězové kolo • Sprocket             |   |          |
|--------------------------------------|---|----------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 38 mm    |
| Šířka zaoblení • Radius width        | C   | 4 mm     |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 24,1 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 23,6 mm  |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 72 mm    |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 120,3 mm |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened<br>St52-3 |          |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 115,0                  | 99,55                  | 58                     | 20                     | 45        | 1,38                       | 58                     | 25                     | 95        | 2,70                       | 58                     | 25                     | 140       | 4,00                       |
| 9                               | 126,4                  | 111,40                 | 70                     | 20                     | 45        | 1,90                       | 70                     | 25                     | 95        | 3,79                       | 70                     | 25                     | 140       | 5,62                       |
| 10                              | 138,0                  | 123,29                 | 80                     | 20                     | 45        | 2,47                       | 80                     | 25                     | 95        | 5,01                       | 80                     | 25                     | 140       | 7,45                       |
| 11                              | 150,0                  | 135,21                 | 90                     | 25                     | 50        | 3,27                       | 90                     | 25                     | 100       | 6,62                       | 90                     | 25                     | 150       | 9,73                       |
| 12                              | 162,0                  | 147,22                 | 102                    | 25                     | 50        | 4,09                       | 102                    | 25                     | 100       | 8,28                       | 102                    | 25                     | 150       | 12,24                      |
| 13                              | 174,2                  | 159,18                 | 114                    | 25                     | 50        | 5,00                       | 114                    | 25                     | 100       | 10,13                      | 114                    | 25                     | 150       | 15,02                      |
| 14                              | 186,2                  | 171,22                 | 128                    | 25                     | 50        | 6,09                       | 128                    | 25                     | 100       | 12,24                      | 128                    | 25                     | 150       | 18,16                      |
| 15                              | 198,2                  | 183,26                 | *140                   | 25                     | 50        | 6,84                       | 140                    | 25                     | 100       | 14,08                      | 140                    | 25                     | 150       | 21,09                      |
| 16                              | 210,3                  | 195,30                 | *140                   | 25                     | 55        | 8,20                       | *140                   | 25                     | 100       | 15,88                      | *140                   | 25                     | 150       | 24,25                      |
| 17                              | 222,3                  | 207,34                 | *140                   | 25                     | 55        | 8,87                       | *150                   | 25                     | 100       | 17,80                      | *150                   | 25                     | 150       | 27,42                      |
| 18                              | 234,3                  | 219,42                 | *140                   | 25                     | 55        | 9,59                       | *160                   | 25                     | 100       | 21,08                      | *160                   | 25                     | 150       | 32,12                      |
| 19                              | 246,5                  | 231,49                 | *140                   | 25                     | 55        | 10,36                      | *160                   | 25                     | 100       | 23,26                      | *160                   | 25                     | 150       | 35,74                      |
| 20                              | 258,6                  | 243,57                 | *140                   | 25                     | 55        | 11,16                      | *160                   | 25                     | 100       | 25,57                      | *160                   | 25                     | 150       | 39,57                      |
| 21                              | 270,6                  | 255,65                 | *150                   | 25                     | 60        | 13,25                      | *160                   | 25                     | 100       | 28,01                      | *160                   | 30                     | 150       | 42,98                      |
| 22                              | 282,7                  | 267,73                 | *150                   | 25                     | 60        | 14,24                      | *160                   | 25                     | 100       | 30,59                      | *160                   | 30                     | 150       | 47,25                      |
| 23                              | 294,8                  | 279,80                 | *150                   | 25                     | 60        | 15,18                      | *160                   | 25                     | 100       | 33,29                      | *160                   | 30                     | 150       | 51,74                      |
| 24                              | 306,8                  | 291,88                 | *150                   | 25                     | 60        | 16,16                      | *160                   | 25                     | 100       | 36,13                      | *160                   | 30                     | 150       | 56,44                      |
| 25                              | 319,0                  | 304,00                 | *150                   | 25                     | 60        | 17,19                      | *160                   | 25                     | 100       | 39,09                      | *160                   | 30                     | 150       | 61,37                      |
| 26                              | 331,0                  | 316,08                 | *160                   | 30                     | 60        | 18,25                      | *160                   | 30                     | 100       | 42,19                      | *160                   | 30                     | 150       | 66,52                      |
| 27                              | 343,2                  | 328,19                 | *160                   | 30                     | 60        | 19,37                      | *160                   | 30                     | 100       | 45,41                      | *160                   | 30                     | 150       | 71,88                      |
| 28                              | 355,2                  | 340,27                 | *160                   | 30                     | 60        | 20,52                      | *160                   | 30                     | 100       | 48,77                      | *160                   | 30                     | 150       | 77,46                      |
| 29                              | 367,3                  | 352,38                 | *160                   | 30                     | 60        | 21,72                      | *160                   | 30                     | 100       | 52,26                      | *160                   | 30                     | 150       | 83,45                      |
| 30                              | 379,5                  | 364,50                 | *160                   | 30                     | 60        | 22,97                      | *160                   | 30                     | 100       | 55,88                      | *160                   | 40                     | 150       | 89,28                      |
| 31                              | 391,6                  | 376,62                 | *160                   | 30                     | 60        | 24,95                      | *170                   | 30                     | 100       | 59,19                      | *160                   | 40                     | 150       | 95,34                      |
| 32                              | 403,7                  | 388,69                 | *160                   | 30                     | 60        | 25,59                      | *170                   | 30                     | 100       | 63,07                      | *170                   | 40                     | 150       | 101,97                     |
| 33                              | 415,8                  | 400,81                 | *160                   | 30                     | 60        | 26,96                      | *170                   | 30                     | 100       | 67,08                      | *170                   | 40                     | 150       | 107,54                     |
| 34                              | 427,8                  | 412,93                 | *160                   | 30                     | 60        | 28,38                      | *170                   | 30                     | 100       | 71,21                      | *170                   | 40                     | 150       | 114,99                     |
| 35                              | 440,0                  | 425,04                 | *160                   | 30                     | 60        | 29,84                      | *170                   | 30                     | 100       | 85,49                      | *170                   | 40                     | 150       | 122,64                     |
| 36                              | 452,0                  | 437,16                 | *160                   | 30                     | 60        | 31,34                      | *170                   | 30                     | 100       | 79,89                      | *170                   | 40                     | 150       | 130,10                     |
| 37                              | 464,2                  | 449,27                 | *160                   | 30                     | 60        | 32,90                      | *170                   | 30                     | 100       | 84,43                      | *170                   | 40                     | 150       | 138,00                     |
| 38                              | 476,2                  | 461,39                 | *160                   | 30                     | 60        | 34,49                      | *170                   | 30                     | 100       | 89,09                      | *170                   | 40                     | 150       | 145,28                     |
| 39                              | 488,5                  | 473,50                 | *160                   | 30                     | 60        | 36,76                      | *170                   | 30                     | 100       | 98,80                      | *170                   | 40                     | 150       | 154,10                     |
| 40                              | 500,6                  | 485,62                 | *160                   | 30                     | 60        | 39,21                      | *170                   | 30                     | 100       | 107,00                     | *170                   | 40                     | 150       | 161,46                     |

\* Řetězová kola s navařeným nábojem.

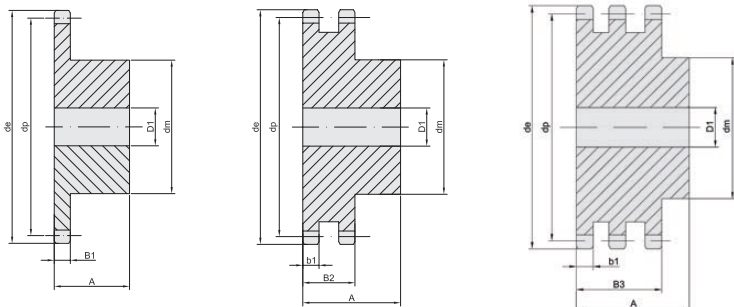
\* Sprockets with welded hub.

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

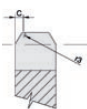
• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



### 28B-1-2-3



| Řetěz • Chain                    |                         |
|----------------------------------|-------------------------|
| Rozteč • Pitch                   | P 44,45 mm              |
| Vnitřní šířka • Inner width      | b <sub>1</sub> 30,99 mm |
| Průměr válečku • Roller diameter | D 27,94 mm              |

| Řetězové kolo • Sprocket             |  |
|--------------------------------------|--|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub> 44 mm   |
| Šířka zaoblení • Radius width        | C 5 mm   |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub> 29,4 mm   |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub> 28,8 mm   |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub> 88,4 mm   |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub> 148 mm  |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened<br>St52-3 |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 132,0                  | 116,15                 | 74                     | 25                     | 70        | 2,86                       | 74                     | 25                     | 120       | 4,75                       | 74                     | 30                     | 180       | 7,04                       |
| 9                               | 148,4                  | 129,96                 | 88                     | 25                     | 70        | 4,00                       | 88                     | 25                     | 120       | 6,66                       | 88                     | 30                     | 180       | 9,89                       |
| 10                              | 162,3                  | 143,85                 | 100                    | 25                     | 70        | 5,18                       | 100                    | 25                     | 120       | 8,79                       | 100                    | 30                     | 180       | 13,10                      |
| 11                              | 176,3                  | 157,77                 | 112                    | 25                     | 70        | 6,51                       | 112                    | 25                     | 120       | 11,19                      | 112                    | 30                     | 180       | 16,73                      |
| 12                              | 189,5                  | 171,74                 | 125                    | 25                     | 70        | 8,04                       | 125                    | 25                     | 120       | 13,91                      | 125                    | 30                     | 180       | 20,84                      |
| 13                              | 204,2                  | 185,75                 | *130                   | 25                     | 70        | 8,88                       | *130                   | 25                     | 120       | 16,25                      | *130                   | 30                     | 180       | 24,70                      |
| 14                              | 218,2                  | 199,76                 | *130                   | 25                     | 70        | 9,79                       | *130                   | 25                     | 120       | 18,81                      | *130                   | 30                     | 180       | 28,93                      |
| 15                              | 232,3                  | 213,79                 | *145                   | 30                     | 70        | 10,77                      | *145                   | 25                     | 120       | 22,64                      | *145                   | 30                     | 180       | 34,58                      |
| 16                              | 246,3                  | 227,84                 | *160                   | 30                     | 75        | 14,96                      | *160                   | 30                     | 120       | 26,52                      | *160                   | 30                     | 180       | 40,44                      |
| 17                              | 260,0                  | 241,91                 | *160                   | 30                     | 75        | 16,09                      | *160                   | 30                     | 120       | 29,74                      | *160                   | 30                     | 180       | 45,77                      |
| 18                              | 274,0                  | 255,98                 | *160                   | 30                     | 75        | 17,28                      | *160                   | 30                     | 120       | 33,17                      | *160                   | 30                     | 180       | 51,76                      |
| 19                              | 289,0                  | 270,06                 | *160                   | 30                     | 75        | 18,56                      | *180                   | 30                     | 120       | 38,14                      | *180                   | 30                     | 180       | 58,07                      |
| 20                              | 303,0                  | 284,15                 | *160                   | 30                     | 75        | 19,90                      | *180                   | 30                     | 120       | 42,04                      | *180                   | 30                     | 180       | 64,49                      |
| 21                              | 317,0                  | 298,24                 | *170                   | 30                     | 75        | 21,31                      | *180                   | 30                     | 120       | 49,10                      | *180                   | 30                     | 180       | 71,28                      |
| 22                              | 331,0                  | 312,34                 | *170                   | 30                     | 75        | 22,80                      | *180                   | 30                     | 120       | 50,40                      | *180                   | 30                     | 180       | 77,16                      |
| 23                              | 345,0                  | 326,44                 | *170                   | 30                     | 75        | 24,36                      | *180                   | 30                     | 120       | 54,92                      | *180                   | 30                     | 180       | 85,94                      |
| 24                              | 359,0                  | 340,55                 | *170                   | 30                     | 75        | 26,00                      | *180                   | 30                     | 120       | 59,60                      | *180                   | 30                     | 180       | 98,21                      |
| 25                              | 373,0                  | 354,66                 | *170                   | 30                     | 75        | 27,70                      | *180                   | 30                     | 120       | 64,62                      | *180                   | 40                     | 180       | 112,07                     |
| 26                              | 387,0                  | 368,77                 | *170                   | 30                     | 75        | 29,48                      | *180                   | 30                     | 120       | 69,28                      | *180                   | 40                     | 180       | 119,21                     |
| 27                              | 401,4                  | 382,88                 | *170                   | 30                     | 75        | 31,36                      | *180                   | 30                     | 120       | 74,78                      | *180                   | 40                     | 180       | 126,46                     |
| 28                              | 416,0                  | 397,00                 | *170                   | 30                     | 75        | 33,26                      | *180                   | 30                     | 120       | 80,28                      | *180                   | 40                     | 180       | 133,80                     |
| 29                              | 430,0                  | 411,12                 | *170                   | 30                     | 75        | 35,70                      | *180                   | 30                     | 120       | 86,71                      | -                      | -                      | -         | -                          |
| 30                              | 444,0                  | 425,24                 | *170                   | 30                     | 75        | 37,33                      | *180                   | 30                     | 120       | 92,17                      | *180                   | 40                     | 180       | 148,79                     |
| 31                              | 458,0                  | 439,37                 | *180                   | 30                     | 75        | 40,15                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 32                              | 472,0                  | 453,49                 | *180                   | 30                     | 75        | 43,59                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 33                              | 486,0                  | 467,62                 | *180                   | 30                     | 75        | 45,30                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 34                              | 500,0                  | 481,75                 | *180                   | 30                     | 75        | 48,24                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 35                              | 514,0                  | 495,88                 | *180                   | 30                     | 75        | 50,57                      | *200                   | 30                     | 120       | 127,17                     | *200                   | 40                     | 180       | 197,66                     |
| 36                              | 529,0                  | 510,01                 | *180                   | 30                     | 75        | 53,18                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 37                              | 543,0                  | 524,14                 | *180                   | 30                     | 75        | 56,28                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 38                              | 557,0                  | 538,27                 | *180                   | 30                     | 75        | 58,40                      | *200                   | 30                     | 120       | 149,90                     | *200                   | 40                     | 180       | 244,01                     |
| 39                              | 571,0                  | 552,40                 | *180                   | 30                     | 75        | 61,20                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 40                              | 585,0                  | 566,54                 | *180                   | 30                     | 75        | 63,92                      | *200                   | 30                     | 120       | 167,15                     | *200                   | 40                     | 180       | 271,10                     |

\* Řetězová kola s navařeným nábojem.

\* Sprockets with welded hub.

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• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

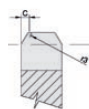
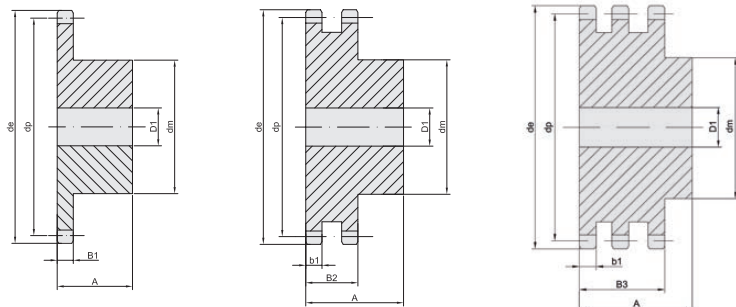


# Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8187 ISO/R606  
Sprocket for roller chain to DIN 8187 ISO/R606



**32B-1-2-3**



| Řetěz • Chain                    |                |          |
|----------------------------------|----------------|----------|
| Rozteč • Pitch                   | P              | 50,8 mm  |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 30,99 mm |
| Průměr válečku • Roller diameter | D              | 29,21 mm |

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 51 mm   |
| Šířka zaoblení • Radius width        | C   | 5,1 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 29,4 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 28,8 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 87,4 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 146 mm  |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened<br>St52-3 |         |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 153,2                  | 132,69                 | 82                     | 25                     | 80        | 4,20                       | 82                     | 30                     | 120       | 6,65                       | 82                     | 30                     | 180       | 9,90                       |
| 9                               | 169,0                  | 148,54                 | 88                     | 25                     | 80        | 5,78                       | 88                     | 30                     | 120       | 9,14                       | 88                     | 30                     | 180       | 13,65                      |
| 10                              | 185,0                  | 164,44                 | 104                    | 25                     | 80        | 7,60                       | 104                    | 30                     | 120       | 12,01                      | 104                    | 30                     | 180       | 17,97                      |
| 11                              | 200,8                  | 180,34                 | 120                    | 30                     | 80        | 9,26                       | 120                    | 30                     | 120       | 14,75                      | *133                   | 30                     | 180       | 22,22                      |
| 12                              | 216,8                  | 196,29                 | *133                   | 30                     | 80        | 10,91                      | *133                   | 30                     | 120       | 17,95                      | *145                   | 30                     | 180       | 27,23                      |
| 13                              | 232,8                  | 212,29                 | *145                   | 30                     | 80        | 13,05                      | *145                   | 30                     | 120       | 21,68                      | *160                   | 30                     | 180       | 32,98                      |
| 14                              | 248,8                  | 228,29                 | *160                   | 30                     | 80        | 14,25                      | *160                   | 30                     | 120       | 25,03                      | *160                   | 30                     | 180       | 38,50                      |
| 15                              | 264,8                  | 244,30                 | *160                   | 30                     | 80        | 15,53                      | *160                   | 30                     | 120       | 29,30                      | *160                   | 30                     | 180       | 45,04                      |
| 16                              | 280,9                  | 260,40                 | *160                   | 30                     | 90        | 19,87                      | *160                   | 30                     | 120       | 33,21                      | *160                   | 30                     | 180       | 51,50                      |
| 17                              | 296,9                  | 276,40                 | *170                   | 30                     | 90        | 21,35                      | *180                   | 30                     | 120       | 38,76                      | *180                   | 30                     | 180       | 61,45                      |
| 18                              | 313,0                  | 292,55                 | *170                   | 30                     | 90        | 22,92                      | *180                   | 30                     | 120       | 43,24                      | *180                   | 30                     | 180       | 68,85                      |
| 19                              | 329,1                  | 308,66                 | *170                   | 30                     | 90        | 24,53                      | *200                   | 30                     | 120       | 49,52                      | *200                   | 30                     | 180       | 76,73                      |
| 20                              | 345,2                  | 324,71                 | *180                   | 30                     | 90        | 28,50                      | *200                   | 30                     | 120       | 54,56                      | *200                   | 30                     | 180       | 85,07                      |
| 21                              | 361,3                  | 340,82                 | *180                   | 30                     | 90        | 30,36                      | *200                   | 30                     | 120       | 59,87                      | *200                   | 40                     | 180       | 93,89                      |
| 22                              | 377,5                  | 356,98                 | *180                   | 30                     | 90        | 32,31                      | *200                   | 30                     | 120       | 65,47                      | *200                   | 40                     | 180       | 101,10                     |
| 23                              | 393,6                  | 373,08                 | *180                   | 30                     | 90        | 34,36                      | *200                   | 30                     | 120       | 71,35                      | *200                   | 40                     | 180       | 112,93                     |
| 24                              | 409,7                  | 389,18                 | *180                   | 30                     | 90        | 36,50                      | *200                   | 30                     | 120       | 77,52                      | *200                   | 40                     | 180       | 121,80                     |
| 25                              | 425,8                  | 405,33                 | *180                   | 30                     | 90        | 38,74                      | *200                   | 30                     | 120       | 83,66                      | *200                   | 40                     | 180       | 133,86                     |
| 26                              | 441,9                  | 421,44                 | *180                   | 30                     | 90        | 41,07                      | *200                   | 30                     | 120       | 90,69                      | *200                   | 40                     | 180       | 146,06                     |
| 27                              | 458,1                  | 437,59                 | *180                   | 30                     | 90        | 43,34                      | *200                   | 30                     | 120       | 97,10                      | *200                   | 40                     | 180       | 158,10                     |
| 28                              | 474,2                  | 453,69                 | *180                   | 30                     | 90        | 46,01                      | *200                   | 30                     | 120       | 104,99                     | *200                   | 40                     | 180       | 170,28                     |
| 29                              | 490,4                  | 469,90                 | *180                   | 30                     | 90        | 48,91                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 30                              | 506,5                  | 486,00                 | *180                   | 30                     | 90        | 51,34                      | *200                   | 30                     | 120       | 120,41                     | *200                   | 40                     | 180       | 194,42                     |
| 32                              | 538,8                  | 518,28                 | *180                   | 30                     | 90        | 59,89                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 35                              | 589,5                  | 566,72                 | *180                   | 30                     | 90        | 69,16                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 38                              | 635,5                  | 615,14                 | *180                   | 30                     | 90        | 79,28                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 40                              | 670,3                  | 647,49                 | *180                   | 30                     | 90        | 86,71                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |

\* Řetězová kola s navařeným nábojem.

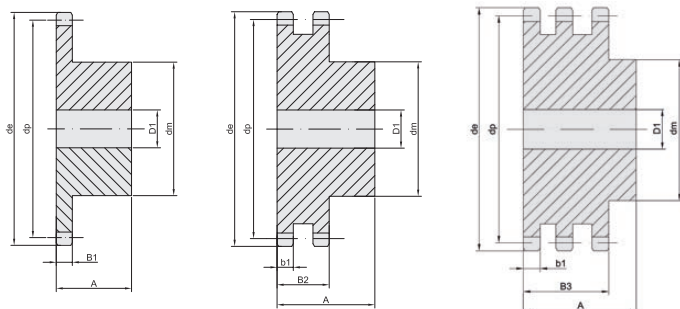
\* Sprockets with welded hub.

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• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

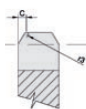
## Řetězová kola s nábojem Sprockets

Řetězové kolo pro válečkový řetěz dle DIN 8188 ISO/R606  
Sprocket for roller chain to DIN 8188 ISO/R606



### 12A-1-2-3/ASA 60-1-2-3

| Řetězové kolo • Sprocket                       |   |          |
|--|---|----------|
| Poloměr zaoblení zubu<br>Poloměr zaoblení zubu | $r_3$   | 20 mm    |
| Šířka zaoblení • Radius width                  | C   | 2,4 mm   |
| Šířka zubu • Sprocket tooth width              | $B_1$   | 12,0 mm  |
| Šířka zubu • Sprocket tooth width              | $b_1$   | 11,8 mm  |
| Šířka zubů • Sprocket tooth width              | $B_2$   | 34,60 mm |
| Šířka zubů • Sprocket tooth width              | $B_3$   | 57,4 mm  |
| Materiál • Raw material                        | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |          |



| Řetěz • Chain                    |       |          |
|----------------------------------|-------|----------|
| Rozteč • Pitch                   | P     | 19,05 mm |
| Vnitřní šířka • Inner width      | $b_1$ | 12,7 mm  |
| Průměr válečku • Roller diameter | D     | 11,91 mm |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex |               |               |               |           |                            | 2řadé • Duplex |               |           |                            | 3řadé • Triplex |               |           |                            |
|---------------------------------|-----------------|---------------|---------------|---------------|-----------|----------------------------|----------------|---------------|-----------|----------------------------|-----------------|---------------|-----------|----------------------------|
|                                 | $d_e$<br>[mm]   | $d_p$<br>[mm] | $d_m$<br>[mm] | $D_1$<br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | $d_m$<br>[mm]  | $D_1$<br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | $d_m$<br>[mm]   | $D_1$<br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 10                              | 71,54           | 61,64         | 42            | 12            | 30        | 0,88                       | 42             | 12            | 45        | 1,05                       | -               | -             | -         | -                          |
| 11                              | 77,51           | 67,61         | 45            | 12            | 30        | 1,03                       | 47             | 16            | 50        | 1,32                       | -               | -             | -         | -                          |
| 12                              | 83,49           | 73,61         | 45            | 12            | 30        | 1,14                       | 53             | 16            | 50        | 1,62                       | 53              | 20            | 70        | 1,94                       |
| 13                              | 89,49           | 79,59         | 60            | 14            | 35        | 1,65                       | 59             | 16            | 50        | 1,94                       | 59              | 20            | 70        | 2,35                       |
| 14                              | 95,50           | 85,61         | 60            | 14            | 35        | 1,78                       | 65             | 16            | 50        | 2,29                       | 65              | 20            | 70        | 2,80                       |
| 15                              | 101,52          | 91,63         | 60            | 14            | 35        | 1,91                       | 71             | 16            | 50        | 2,68                       | 71              | 20            | 70        | 3,28                       |
| 16                              | 107,54          | 97,65         | 75            | 16            | 35        | 2,48                       | 77             | 20            | 50        | 3,08                       | 77              | 20            | 70        | 3,80                       |
| 17                              | 113,56          | 103,67        | 75            | 16            | 35        | 2,63                       | 83             | 20            | 50        | 3,52                       | 83              | 20            | 70        | 4,37                       |
| 18                              | 119,59          | 109,71        | 75            | 16            | 35        | 2,78                       | 89             | 20            | 50        | 4,00                       | 89              | 20            | 70        | 4,97                       |
| 19                              | 125,63          | 115,75        | 80            | 16            | 35        | 3,13                       | 95             | 20            | 50        | 4,50                       | 95              | 20            | 70        | 5,61                       |
| 20                              | 131,67          | 121,78        | 80            | 16            | 35        | 3,30                       | 100            | 20            | 50        | 4,98                       | 100             | 20            | 70        | 6,20                       |
| 21                              | 137,71          | 127,82        | 80            | 16            | 35        | 3,49                       | 100            | 20            | 50        | 5,16                       | 100             | 20            | 70        | 6,39                       |
| 22                              | 143,75          | 133,86        | 90            | 20            | 40        | 4,28                       | 100            | 20            | 50        | 5,35                       | 100             | 20            | 70        | 6,58                       |
| 23                              | 149,79          | 139,90        | 90            | 20            | 40        | 4,48                       | 110            | 20            | 50        | 6,17                       | 110             | 20            | 70        | 7,68                       |
| 24                              | 155,84          | 145,94        | 90            | 20            | 40        | 4,69                       | 110            | 20            | 50        | 6,41                       | 110             | 20            | 70        | 7,90                       |
| 25                              | 161,88          | 152,00        | 90            | 20            | 40        | 4,90                       | 120            | 20            | 50        | 7,30                       | 120             | 20            | 70        | 9,09                       |
| 26                              | 167,93          | 158,04        | 90            | 20            | 40        | 5,13                       | 120            | 20            | 50        | 7,56                       | -               | -             | -         | -                          |
| 27                              | 173,98          | 164,09        | 90            | 20            | 40        | 5,37                       | 120            | 20            | 50        | 7,79                       | -               | -             | -         | -                          |
| 28                              | 180,03          | 170,13        | 95            | 20            | 40        | 5,83                       | 120            | 20            | 50        | 8,03                       | -               | -             | -         | -                          |
| 30                              | 192,14          | 182,25        | 95            | 20            | 40        | 6,34                       | 120            | 20            | 50        | 8,54                       | -               | -             | -         | -                          |

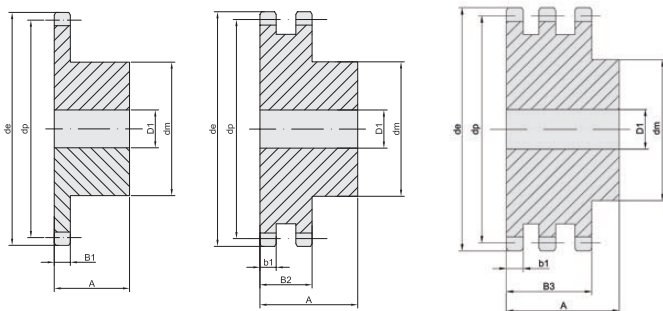
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

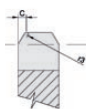


# Řetězová kola s nábojem Sprockets

Řetězový disk pro válečkový řetěz dle DIN 8188 ISO/R606  
Sprocket for roller chain to DIN 8188 ISO/R606



**16A-1-2-3/ASA 80-1-2-3**



| Řetěz • Chain                    |                |          |
|----------------------------------|----------------|----------|
| Rozteč • Pitch                   | P              | 19,05 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 12,7 mm  |
| Průměr válečku • Roller diameter | D              | 11,91 mm |

| Řetězové kolo • Sprocket             |   |          |
|--------------------------------------|---|----------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 20 mm    |
| Šířka zaoblení • Radius width        | C   | 2,4 mm   |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 12,0 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 11,8 mm  |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 34,60 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 57,4 mm  |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |          |

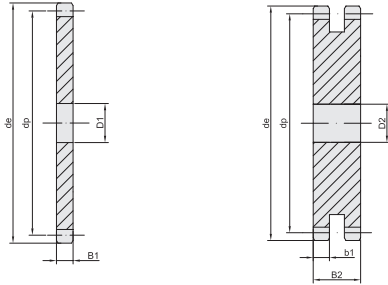
| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex        |                        |                        |                        |           |                            | 2řadé • Duplex         |                        |           |                            | 3řadé • Triplex        |                        |           |                            |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|------------------------|------------------------|-----------|----------------------------|
|                                 | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] | d <sub>m</sub><br>[mm] | D <sub>1</sub><br>[mm] | A<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                               | 79,49                  | 66,37                  | 42                     | 16                     | 35        | 1,06                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 9                               | 87,38                  | 74,27                  | 50                     | 16                     | 35        | 1,37                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 10                              | 95,32                  | 82,19                  | 55                     | 16                     | 35        | 1,64                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 11                              | 103,28                 | 90,14                  | 61                     | 16                     | 40        | 2,09                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 12                              | 111,26                 | 98,14                  | 69                     | 16                     | 40        | 2,54                       | 72                     | 20                     | 70        | 3,58                       | 72                     | 25                     | 100       | 4,50                       |
| 13                              | 119,26                 | 106,12                 | 78                     | 16                     | 40        | 3,07                       | 78                     | 20                     | 70        | 4,17                       | 78                     | 25                     | 100       | 5,26                       |
| 14                              | 127,27                 | 114,15                 | 84                     | 16                     | 40        | 3,53                       | 86                     | 20                     | 70        | 4,96                       | 86                     | 25                     | 100       | 6,29                       |
| 15                              | 135,29                 | 122,17                 | 92                     | 16                     | 40        | 4,11                       | 94                     | 20                     | 70        | 5,81                       | 94                     | 25                     | 100       | 7,41                       |
| 16                              | 143,32                 | 130,20                 | 100                    | 20                     | 45        | 5,03                       | 102                    | 20                     | 70        | 6,72                       | 102                    | 30                     | 100       | 8,63                       |
| 17                              | 151,35                 | 138,22                 | 100                    | 20                     | 45        | 5,30                       | 110                    | 20                     | 70        | 7,73                       | 110                    | 30                     | 100       | 9,93                       |
| 18                              | 159,39                 | 146,28                 | 100                    | 20                     | 45        | 5,59                       | 118                    | 20                     | 70        | 8,80                       | 118                    | 30                     | 100       | 11,33                      |
| 19                              | 167,44                 | 154,33                 | 100                    | 20                     | 45        | 5,88                       | 126                    | 20                     | 70        | 9,94                       | 126                    | 30                     | 100       | 12,83                      |
| 20                              | 175,49                 | 162,38                 | 100                    | 20                     | 45        | 6,20                       | 130                    | 20                     | 70        | 10,69                      | 130                    | 30                     | 100       | 13,77                      |
| 21                              | 183,54                 | 170,43                 | 110                    | 20                     | 50        | 7,47                       | 130                    | 25                     | 70        | 10,99                      | -                      | -                      | -         | -                          |
| 22                              | 191,60                 | 178,48                 | 110                    | 20                     | 50        | 7,82                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 23                              | 199,66                 | 186,53                 | 110                    | 20                     | 50        | 8,17                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 24                              | 207,72                 | 194,59                 | 110                    | 20                     | 50        | 8,55                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 25                              | 215,78                 | 202,66                 | 110                    | 20                     | 50        | 8,93                       | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 26                              | 223,84                 | 210,72                 | 120                    | 20                     | 50        | 10,04                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 27                              | 231,91                 | 218,79                 | 120                    | 20                     | 50        | 10,46                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 28                              | 239,98                 | 226,85                 | 120                    | 20                     | 50        | 10,89                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 29                              | 248,05                 | 234,92                 | 120                    | 20                     | 50        | 11,33                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |
| 30                              | 256,12                 | 243,00                 | 120                    | 20                     | 50        | 11,79                      | -                      | -                      | -         | -                          | -                      | -                      | -         | -                          |

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## Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



### 05B-1-2



| Řetěz • Chain                    |                |      |  |
|----------------------------------|----------------|------|--|
| Rozteč • Pitch                   | P              | 8 mm |  |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 3 mm |  |
| Průměr válečku • Roller diameter | D              | 5 mm |  |

| Řetězové kolo • Sprocket             |  |        |  |
|--------------------------------------|--|--------|--|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 8 mm   |  |
| Šířka zaoblení • Radius width        | C  | 1,0 mm |  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 2,8 mm |  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 2,7 mm |  |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 8,3 mm |  |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |        |  |

| 1řadé • Simplex            |                        |                        |                        |                            | 2řadé • Duplex         |                            |                            |                        |                        |                        |                            |                        |                            |
|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|
| Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 24,0                   | 20,90                  | 6                      | 0,01                       | 6                      | 0,03                       | 44                         | 115,5                  | 112,14                 | 12                     | 0,23                       | 14                     | 0,67                       |
| 9                          | 26,6                   | 23,39                  | 6                      | 0,01                       | 6                      | 0,03                       | 45                         | 118,0                  | 114,69                 | 12                     | 0,24                       | 14                     | 0,70                       |
| 10                         | 29,2                   | 25,89                  | 8                      | 0,01                       | 8                      | 0,04                       | 46                         | 120,6                  | 117,23                 | 12                     | 0,25                       | 14                     | 0,73                       |
| 11                         | 31,7                   | 28,39                  | 8                      | 0,02                       | 8                      | 0,05                       | 47                         | 123,1                  | 119,77                 | 12                     | 0,26                       | 14                     | 0,76                       |
| 12                         | 34,2                   | 30,91                  | 8                      | 0,02                       | 8                      | 0,06                       | 48                         | 125,6                  | 122,32                 | 12                     | 0,27                       | 14                     | 0,79                       |
| 13                         | 36,7                   | 33,42                  | 8                      | 0,02                       | 8                      | 0,07                       | 49                         | 128,2                  | 124,86                 | 12                     | 0,28                       | 14                     | 0,83                       |
| 14                         | 39,2                   | 35,95                  | 8                      | 0,03                       | 8                      | 0,07                       | 50                         | 130,7                  | 127,41                 | 12                     | 0,29                       | 14                     | 0,86                       |
| 15                         | 41,7                   | 38,48                  | 8                      | 0,03                       | 8                      | 0,09                       | 51                         | 133,3                  | 129,95                 | 12                     | 0,30                       | 16                     | 0,89                       |
| 16                         | 44,3                   | 41,01                  | 8                      | 0,03                       | 10                     | 0,09                       | 52                         | 135,8                  | 132,49                 | 14                     | 0,31                       | 16                     | 0,92                       |
| 17                         | 46,8                   | 43,53                  | 8                      | 0,04                       | 10                     | 0,11                       | 53                         | 138,4                  | 135,04                 | 14                     | 0,33                       | 16                     | 0,96                       |
| 18                         | 49,3                   | 46,07                  | 8                      | 0,04                       | 10                     | 0,12                       | 54                         | 140,9                  | 137,59                 | 14                     | 0,34                       | 16                     | 1,00                       |
| 19                         | 51,9                   | 48,61                  | 8                      | 0,05                       | 10                     | 0,13                       | 55                         | 143,5                  | 140,13                 | 14                     | 0,35                       | 16                     | 1,04                       |
| 20                         | 54,4                   | 51,14                  | 8                      | 0,05                       | 10                     | 0,15                       | 56                         | 146,0                  | 142,68                 | 14                     | 0,36                       | 16                     | 1,07                       |
| 21                         | 57,0                   | 53,68                  | 8                      | 0,05                       | 10                     | 0,16                       | 57                         | 148,6                  | 145,22                 | 14                     | 0,37                       | 16                     | 1,11                       |
| 22                         | 59,5                   | 56,21                  | 8                      | 0,06                       | 10                     | 0,17                       | 58                         | 151,0                  | 147,77                 | 14                     | 0,39                       | 16                     | 1,15                       |
| 23                         | 62,0                   | 58,75                  | 8                      | 0,06                       | 10                     | 0,19                       | 59                         | 153,6                  | 150,31                 | 14                     | 0,40                       | 16                     | 1,19                       |
| 24                         | 64,6                   | 61,29                  | 8                      | 0,07                       | 10                     | 0,21                       | 60                         | 156,2                  | 152,85                 | 14                     | 0,40                       | 16                     | 1,23                       |
| 25                         | 67,5                   | 63,83                  | 8                      | 0,08                       | 10                     | 0,23                       | 62                         | 162,0                  | 157,95                 | 16                     | 0,45                       | 20                     | 1,31                       |
| 26                         | 69,5                   | 66,37                  | 10                     | 0,08                       | 12                     | 0,24                       | 64                         | 167,1                  | 163,04                 | 16                     | 0,47                       | 20                     | 1,34                       |
| 27                         | 72,2                   | 68,91                  | 10                     | 0,09                       | 12                     | 0,26                       | 65                         | 169,6                  | 165,58                 | 16                     | 0,49                       | 20                     | 1,44                       |
| 28                         | 74,8                   | 71,45                  | 10                     | 0,09                       | 12                     | 0,27                       | 66                         | 172,2                  | 168,13                 | 16                     | 0,50                       | 20                     | 1,49                       |
| 29                         | 77,3                   | 73,99                  | 10                     | 0,10                       | 12                     | 0,29                       | 68                         | 177,3                  | 173,22                 | 16                     | 0,53                       | 20                     | 1,58                       |
| 30                         | 79,8                   | 76,53                  | 10                     | 0,11                       | 12                     | 0,32                       | 70                         | 182,4                  | 178,31                 | 16                     | 0,57                       | 20                     | 1,67                       |
| 31                         | 82,4                   | 79,08                  | 10                     | 0,11                       | 12                     | 0,34                       | 72                         | 187,5                  | 183,41                 | 16                     | 0,60                       | 20                     | 1,77                       |
| 32                         | 84,9                   | 81,61                  | 10                     | 0,12                       | 12                     | 0,36                       | 75                         | 195,1                  | 191,04                 | 20                     | 0,65                       | 20                     | 1,92                       |
| 33                         | 87,5                   | 84,16                  | 10                     | 0,13                       | 12                     | 0,38                       | 76                         | 197,7                  | 193,59                 | 20                     | 0,66                       | 20                     | 1,97                       |
| 34                         | 90,0                   | 86,70                  | 10                     | 0,14                       | 12                     | 0,40                       | 78                         | 202,8                  | 198,68                 | 20                     | 0,70                       | 20                     | 2,07                       |
| 35                         | 92,5                   | 89,25                  | 10                     | 0,15                       | 12                     | 0,43                       | 80                         | 207,9                  | 203,77                 | 20                     | 0,73                       | 20                     | 2,18                       |
| 36                         | 95,0                   | 91,79                  | 10                     | 0,15                       | 12                     | 0,45                       | 85                         | 220,6                  | 216,50                 | 20                     | 0,83                       | 20                     | 2,45                       |
| 37                         | 97,6                   | 94,33                  | 10                     | 0,16                       | 12                     | 0,48                       | 90                         | 233,4                  | 229,23                 | 20                     | 0,93                       | 20                     | 2,75                       |
| 38                         | 100,2                  | 96,88                  | 10                     | 0,17                       | 12                     | 0,50                       | 95                         | 246,1                  | 241,96                 | 20                     | 1,03                       | 20                     | 3,06                       |
| 39                         | 102,7                  | 99,42                  | 10                     | 0,18                       | 12                     | 0,53                       | 100                        | 258,9                  | 254,68                 | 20                     | 1,14                       | 20                     | 3,39                       |
| 40                         | 105,3                  | 101,97                 | 10                     | 0,18                       | 12                     | 0,56                       | 110                        | 284,3                  | 280,15                 | 20                     | 1,40                       | 20                     | 4,09                       |
| 41                         | 107,8                  | 104,51                 | 12                     | 0,19                       | 14                     | 0,58                       | 114                        | 294,5                  | 290,33                 | 20                     | 1,48                       | 20                     | 4,44                       |
| 42                         | 110,4                  | 107,05                 | 12                     | 0,21                       | 14                     | 0,61                       | 120                        | 310,0                  | 305,61                 | 20                     | 1,64                       | 20                     | 4,86                       |
| 43                         | 112,9                  | 109,60                 | 12                     | 0,22                       | 14                     | 0,63                       | 125                        | 322,5                  | 318,34                 | 20                     | 1,78                       | 20                     | 5,26                       |

• Šíře disku je zvětšena pro počet zubů (Z) 57 a 76 na h = 4 mm.

• Sprocket width is for teeth number (Z) 57 and 76 increased to h = 4 mm.

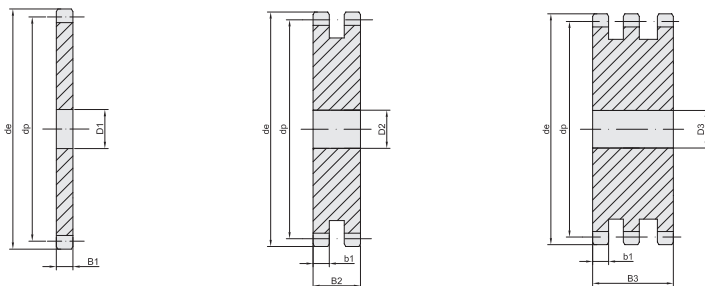
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# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



06B-1-2-3

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | $r_3$   | 10 mm   |
| Šířka zaoblení • Radius width        | C   | 1 mm    |
| Šířka zubu • Sprocket tooth width    | $B_1$   | 5,3 mm  |
| Šířka zubu • Sprocket tooth width    | $b_1$   | 5,2 mm  |
| Šířka zubů • Sprocket tooth width    | $B_2$   | 15,4 mm |
| Šířka zubů • Sprocket tooth width    | $B_3$   | 25,6 mm |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |



| Řetěz • Chain                    |       |          |
|----------------------------------|-------|----------|
| Rozteč • Pitch                   | P     | 9,525 mm |
| Vnitřní šířka • Inner width      | $b_1$ | 5,72 mm  |
| Průměr válečku • Roller diameter | D     | 6,35 mm  |

| 1řadé • Simplex            |               |               |               |                            | 2řadé • Duplex |                            |               |                            |                            | 3řadé • Triplex |               |               |                            |               |                            |               |                            |
|----------------------------|---------------|---------------|---------------|----------------------------|----------------|----------------------------|---------------|----------------------------|----------------------------|-----------------|---------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|
| Počet zubů<br>Teeth number | $d_e$<br>[mm] | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | $d_e$<br>[mm]   | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 28,0          | 24,89         | 6             | 0,02                       | 6              | 0,07                       | 6             | 0,12                       | 44                         | 137,6           | 133,52        | 16            | 0,61                       | 16            | 1,76                       | 16            | 2,92                       |
| 9                          | 31,0          | 27,85         | 7             | 0,03                       | 8              | 0,08                       | 8             | 0,14                       | 45                         | 140,7           | 136,55        | 16            | 0,64                       | 16            | 1,83                       | 16            | 3,06                       |
| 10                         | 34,0          | 30,82         | 7             | 0,04                       | 8              | 0,10                       | 10            | 0,17                       | 46                         | 143,7           | 139,58        | 16            | 0,66                       | 16            | 1,91                       | 16            | 3,19                       |
| 11                         | 37,0          | 33,80         | 8             | 0,04                       | 10             | 0,12                       | 10            | 0,19                       | 47                         | 146,7           | 142,61        | 16            | 0,69                       | 16            | 1,98                       | 16            | 3,33                       |
| 12                         | 40,0          | 36,80         | 8             | 0,05                       | 10             | 0,14                       | 10            | 0,24                       | 48                         | 149,7           | 145,64        | 16            | 0,71                       | 16            | 2,06                       | 16            | 3,47                       |
| 13                         | 43,0          | 39,79         | 8             | 0,06                       | 10             | 0,17                       | 10            | 0,27                       | 49                         | 152,7           | 148,66        | 16            | 0,74                       | 16            | 2,14                       | 16            | 3,61                       |
| 14                         | 46,3          | 42,80         | 8             | 0,07                       | 10             | 0,19                       | 12            | 0,31                       | 50                         | 155,7           | 151,69        | 16            | 0,77                       | 16            | 2,21                       | 20            | 3,73                       |
| 15                         | 49,3          | 45,81         | 8             | 0,08                       | 10             | 0,22                       | 12            | 0,36                       | 51                         | 158,7           | 154,72        | 16            | 0,79                       | 16            | 2,29                       | 20            | 3,88                       |
| 16                         | 52,3          | 48,82         | 10            | 0,09                       | 12             | 0,24                       | 12            | 0,40                       | 52                         | 161,8           | 157,75        | 16            | 0,82                       | 16            | 2,36                       | 20            | 4,04                       |
| 17                         | 55,3          | 51,83         | 10            | 0,10                       | 12             | 0,27                       | 12            | 0,46                       | 53                         | 164,8           | 160,78        | 16            | 0,84                       | 16            | 2,44                       | 20            | 4,19                       |
| 18                         | 58,3          | 54,85         | 10            | 0,11                       | 12             | 0,31                       | 12            | 0,51                       | 54                         | 167,8           | 163,82        | 16            | 0,87                       | 16            | 2,52                       | 20            | 4,35                       |
| 19                         | 61,3          | 57,87         | 10            | 0,12                       | 12             | 0,34                       | 12            | 0,56                       | 55                         | 170,8           | 166,85        | 16            | 0,90                       | 16            | 2,59                       | 20            | 4,512                      |
| 20                         | 64,3          | 60,89         | 10            | 0,13                       | 12             | 0,38                       | 12            | 0,63                       | 56                         | 173,8           | 169,88        | 16            | 0,92                       | 16            | 2,67                       | 20            | 4,67                       |
| 21                         | 68,0          | 63,91         | 10            | 0,15                       | 12             | 0,42                       | 14            | 0,69                       | 57                         | 176,9           | 172,91        | 16            | 0,95                       | 16            | 2,74                       | 20            | 4,62                       |
| 22                         | 71,0          | 66,93         | 10            | 0,16                       | 12             | 0,46                       | 14            | 0,76                       | 58                         | 179,9           | 175,93        | 16            | 0,97                       | 16            | 2,82                       | 20            | 5,01                       |
| 23                         | 73,5          | 69,95         | 10            | 0,17                       | 12             | 0,50                       | 14            | 0,81                       | 59                         | 183             | 178,96        | 16            | 1,00                       | 16            | 2,90                       | 20            | 5,18                       |
| 24                         | 77,0          | 72,97         | 10            | 0,19                       | 12             | 0,54                       | 14            | 0,89                       | 60                         | 186             | 181,99        | 16            | 1,03                       | 16            | 2,97                       | 20            | 5,36                       |
| 25                         | 80,0          | 76,00         | 10            | 0,20                       | 12             | 0,59                       | 14            | 0,97                       | 62                         | 192,1           | 188,06        | 20            | 1,05                       | 20            | 3,44                       | 20            | 5,72                       |
| 26                         | 83,0          | 79,02         | 10            | 0,22                       | 12             | 0,64                       | 14            | 1,04                       | 64                         | 198,2           | 194,12        | 20            | 1,18                       | 20            | 3,66                       | 20            | 6,09                       |
| 27                         | 86,0          | 82,05         | 10            | 0,24                       | 12             | 0,68                       | 14            | 1,12                       | 65                         | 201,6           | 197,15        | 20            | 1,30                       | 20            | 3,79                       | 20            | 6,37                       |
| 28                         | 89,0          | 85,07         | 10            | 0,25                       | 12             | 0,73                       | 14            | 1,20                       | 66                         | 204,6           | 200,18        | 20            | 1,42                       | 20            | 3,91                       | 25            | 6,46                       |
| 29                         | 92,0          | 88,09         | 10            | 0,27                       | 12             | 0,78                       | 14            | 1,28                       | 68                         | 210,7           | 206,24        | 20            | 1,54                       | 20            | 4,15                       | 25            | 6,86                       |
| 30                         | 94,7          | 91,12         | 10            | 0,29                       | 12             | 0,83                       | 14            | 1,36                       | 70                         | 216,7           | 212,3         | 20            | 1,66                       | 20            | 4,39                       | 25            | 7,26                       |
| 31                         | 98,3          | 94,15         | 12            | 0,31                       | 14             | 0,89                       | 16            | 1,47                       | 72                         | 222,8           | 218,37        | 20            | 1,78                       | 20            | 4,86                       | 25            | 7,68                       |
| 32                         | 101,3         | 97,17         | 12            | 0,33                       | 14             | 0,95                       | 16            | 1,56                       | 75                         | 231,9           | 227,46        | 20            | 1,91                       | 20            | 5,03                       | 25            | 8,33                       |
| 33                         | 104,3         | 100,20        | 12            | 0,35                       | 14             | 1,01                       | 16            | 1,66                       | 76                         | 234,9           | 230,49        | 20            | 2,03                       | 20            | 5,16                       | 25            | 8,55                       |
| 34                         | 107,3         | 103,23        | 12            | 0,37                       | 14             | 1,07                       | 16            | 1,76                       | 78                         | 241             | 236,55        | 20            | 2,15                       | 20            | 5,44                       | 25            | 9,01                       |
| 35                         | 110,4         | 106,26        | 12            | 0,40                       | 14             | 1,13                       | 16            | 1,85                       | 80                         | 247,1           | 242,61        | 20            | 2,27                       | 20            | 5,72                       | 25            | 9,47                       |
| 36                         | 113,4         | 109,29        | 12            | 0,42                       | 14             | 1,19                       | 16            | 1,97                       | 85                         | 262,2           | 257,77        | 20            | 2,39                       | 20            | 6,44                       | 25            | 10,63                      |
| 37                         | 116,4         | 112,32        | 12            | 0,44                       | 14             | 1,26                       | 16            | 2,08                       | 90                         | 277,4           | 272,93        | 20            | 2,51                       | 20            | 7,22                       | 25            | 11,90                      |
| 38                         | 119,5         | 115,35        | 12            | 0,46                       | 14             | 1,33                       | 16            | 2,19                       | 95                         | 292,5           | 288,08        | 20            | 2,63                       | 20            | 8,03                       | 25            | 13,31                      |
| 39                         | 122,5         | 118,37        | 12            | 0,49                       | 14             | 1,40                       | 16            | 2,31                       | 100                        | 307,7           | 303,25        | 20            | 2,75                       | 20            | 8,89                       | 25            | 14,75                      |
| 40                         | 125,5         | 121,40        | 12            | 0,51                       | 14             | 1,47                       | 16            | 2,42                       | 110                        | 338             | 333,25        | 20            | 2,87                       | 20            | 10,71                      | 25            | 17,81                      |
| 41                         | 128,5         | 124,43        | 16            | 0,54                       | 16             | 1,53                       | 16            | 2,54                       | 114                        | 349,5           | 345,68        | 20            | 2,99                       | 20            | 11,42                      | 25            | 19,05                      |
| 42                         | 131,6         | 127,46        | 16            | 0,56                       | 16             | 1,61                       | 16            | 2,67                       | 120                        | 368,3           | 363,86        | 20            | 3,12                       | 20            | 12,75                      | 25            | 21,17                      |
| 43                         | 134,6         | 130,49        | 16            | 0,58                       | 16             | 1,68                       | 16            | 2,80                       | 125                        | 383,5           | 379,02        | 20            | 3,24                       | 20            | 13,83                      | 25            | 22,96                      |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

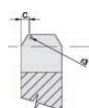
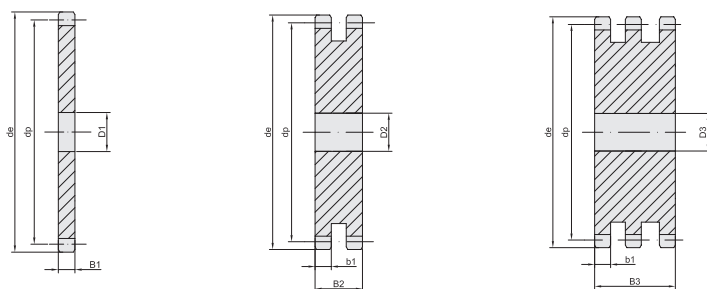
• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



## Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606

Plate wheel for roller chain to DIN 8187 ISO/R606



| Řetěz • Chain                           |                        |
|---|------------------------|
| <b>Rozteč • Pitch</b>                   | P 12,7 mm              |
| <b>Vnitřní šířka • Inner width</b>      | b <sub>1</sub> 7,75 mm |
| <b>Průměr válečku • Roller diameter</b> | D 8,51 mm              |

### 08B-1-2-3

| Řetězové kolo • Sprocket                    |   |         |
|---|---|---------|
| <b>Poloměr zaoblění zubu • Tooth radius</b> | r <sub>3</sub>  | 13 mm   |
| <b>Šířka zaoblění • Radius width</b>        | C   | 1,3 mm  |
| <b>Šířka zubu • Sprocket tooth width</b>    | B <sub>1</sub>  | 7,2 mm  |
| <b>Šířka zubu • Sprocket tooth width</b>    | b <sub>1</sub>  | 7 mm    |
| <b>Šířka zubů • Sprocket tooth width</b>    | B <sub>2</sub>  | 21 mm   |
| <b>Šířka zubů • Sprocket tooth width</b>    | B <sub>3</sub>  | 34,9 mm |
| <b>Materiál • Raw material</b>              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

| Počet zubů<br>Teeth number | 1řadé • Simplex |                        |                        |                        | 2řadé • Duplex             |                        |                            |                        | 3řadé • Triplex            |       |                        |                        | Počet zubů<br>Teeth number | 1řadé • Simplex        |                            |                        |                            | 2řadé • Duplex         |                            |       |                        | 3řadé • Triplex        |                        |                            |                        |                            |
|----------------------------|-----------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|-------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|-------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|
|                            | Z               | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Z     | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] |                            | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Z     | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 37,2            | 33,18                  | 8                      | 0,05                   | 10                         | 0,16                   | 10                         | 0,27                   | 44                         | 183,8 | 178,0                  | 20                     | 1,47                       | 20                     | 4,29                       | 25                     | 7,08                       | 44                     | 183,8                      | 178,0 | 20                     | 1,47                   | 20                     | 4,29                       | 25                     | 7,08                       |
| 9                          | 41,0            | 37,13                  | 8                      | 0,07                   | 10                         | 0,20                   | 12                         | 0,32                   | 45                         | 188,0 | 182,1                  | 20                     | 1,54                       | 20                     | 4,49                       | 25                     | 7,42                       | 45                     | 188,0                      | 182,1 | 20                     | 1,54                   | 20                     | 4,49                       | 25                     | 7,42                       |
| 10                         | 45,2            | 41,1                   | 8                      | 0,08                   | 10                         | 0,24                   | 12                         | 0,40                   | 46                         | 192,1 | 186,1                  | 20                     | 1,61                       | 20                     | 4,69                       | 25                     | 7,75                       | 46                     | 192,1                      | 186,1 | 20                     | 1,61                   | 20                     | 4,69                       | 25                     | 7,75                       |
| 11                         | 48,7            | 45,07                  | 10                     | 0,10                   | 12                         | 0,30                   | 12                         | 0,47                   | 47                         | 198,2 | 190,1                  | 20                     | 1,71                       | 20                     | 5,00                       | 25                     | 8,26                       | 47                     | 198,2                      | 190,1 | 20                     | 1,71                   | 20                     | 5,00                       | 25                     | 8,26                       |
| 12                         | 53,0            | 49,07                  | 10                     | 0,11                   | 12                         | 0,34                   | 14                         | 0,55                   | 48                         | 200,3 | 194,2                  | 20                     | 1,75                       | 20                     | 5,10                       | 25                     | 8,44                       | 48                     | 200,3                      | 194,2 | 20                     | 1,75                   | 20                     | 5,10                       | 25                     | 8,44                       |
| 13                         | 57,4            | 53,06                  | 10                     | 0,14                   | 12                         | 0,40                   | 14                         | 0,66                   | 49                         | 204,3 | 198,2                  | 20                     | 1,82                       | 20                     | 5,31                       | 25                     | 8,79                       | 49                     | 204,3                      | 198,2 | 20                     | 1,82                   | 20                     | 5,31                       | 25                     | 8,79                       |
| 14                         | 61,8            | 57,07                  | 10                     | 0,16                   | 12                         | 0,47                   | 14                         | 0,77                   | 50                         | 208,3 | 202,3                  | 20                     | 1,89                       | 20                     | 5,53                       | 25                     | 9,14                       | 50                     | 208,3                      | 202,3 | 20                     | 1,89                   | 20                     | 5,53                       | 25                     | 9,14                       |
| 15                         | 65,5            | 61,09                  | 10                     | 0,18                   | 12                         | 0,53                   | 14                         | 0,87                   | 51                         | 212,1 | 206,3                  | 20                     | 1,96                       | 25                     | 5,70                       | 25                     | 9,48                       | 51                     | 212,1                      | 206,3 | 20                     | 1,96                   | 25                     | 5,70                       | 25                     | 9,48                       |
| 16                         | 69,5            | 65,1                   | 10                     | 0,20                   | 14                         | 0,59                   | 16                         | 0,97                   | 52                         | 216,1 | 210,3                  | 20                     | 2,04                       | 25                     | 5,92                       | 25                     | 9,85                       | 52                     | 216,1                      | 210,3 | 20                     | 2,04                   | 25                     | 5,92                       | 25                     | 9,85                       |
| 17                         | 73,6            | 69,11                  | 10                     | 0,23                   | 14                         | 0,67                   | 16                         | 1,10                   | 53                         | 220,2 | 214,4                  | 20                     | 2,12                       | 25                     | 6,15                       | 25                     | 10,23                      | 53                     | 220,2                      | 214,4 | 20                     | 2,12                   | 25                     | 6,15                       | 25                     | 10,23                      |
| 18                         | 77,8            | 73,14                  | 10                     | 0,26                   | 14                         | 0,75                   | 16                         | 1,23                   | 54                         | 224,1 | 218,4                  | 20                     | 2,19                       | 25                     | 6,38                       | 25                     | 10,63                      | 54                     | 224,1                      | 218,4 | 20                     | 2,19                   | 25                     | 6,38                       | 25                     | 10,63                      |
| 19                         | 81,7            | 77,16                  | 10                     | 0,29                   | 14                         | 0,83                   | 16                         | 1,37                   | 55                         | 228,1 | 222,5                  | 20                     | 2,27                       | 25                     | 6,61                       | 25                     | 10,99                      | 55                     | 228,1                      | 222,5 | 20                     | 2,27                   | 25                     | 6,61                       | 25                     | 10,99                      |
| 20                         | 85,8            | 81,19                  | 10                     | 0,32                   | 14                         | 0,92                   | 16                         | 1,51                   | 56                         | 232,2 | 226,5                  | 20                     | 2,36                       | 25                     | 6,85                       | 25                     | 11,39                      | 56                     | 232,2                      | 226,5 | 20                     | 2,36                   | 25                     | 6,85                       | 25                     | 11,39                      |
| 21                         | 89,7            | 85,22                  | 12                     | 0,34                   | 16                         | 1,00                   | 20                         | 1,63                   | 57                         | 236,4 | 230,5                  | 20                     | 2,44                       | 25                     | 7,10                       | 25                     | 11,81                      | 57                     | 236,4                      | 230,5 | 20                     | 2,44                   | 25                     | 7,10                       | 25                     | 11,81                      |
| 22                         | 93,8            | 89,24                  | 12                     | 0,38                   | 16                         | 1,09                   | 20                         | 1,79                   | 58                         | 240,5 | 234,6                  | 20                     | 2,53                       | 25                     | 7,36                       | 25                     | 12,23                      | 58                     | 240,5                      | 234,6 | 20                     | 2,53                   | 25                     | 7,36                       | 25                     | 12,23                      |
| 23                         | 98,2            | 93,27                  | 12                     | 0,41                   | 16                         | 1,20                   | 20                         | 1,97                   | 59                         | 244,5 | 238,6                  | 20                     | 2,61                       | 25                     | 7,61                       | 25                     | 12,64                      | 59                     | 244,5                      | 238,6 | 20                     | 2,61                   | 25                     | 7,61                       | 25                     | 12,64                      |
| 24                         | 101,8           | 97,29                  | 12                     | 0,45                   | 16                         | 1,30                   | 20                         | 2,13                   | 60                         | 248,6 | 242,7                  | 20                     | 2,70                       | 25                     | 7,87                       | 25                     | 13,07                      | 60                     | 248,6                      | 242,7 | 20                     | 2,70                   | 25                     | 7,87                       | 25                     | 13,07                      |
| 25                         | 105,8           | 101,33                 | 12                     | 0,48                   | 16                         | 1,40                   | 20                         | 2,30                   | 62                         | 256,9 | 250,8                  | 25                     | 2,88                       | 25                     | 8,41                       | 25                     | 13,97                      | 62                     | 256,9                      | 250,8 | 25                     | 2,88                   | 25                     | 8,41                       | 25                     | 13,97                      |
| 26                         | 110,0           | 105,36                 | 16                     | 0,52                   | 16                         | 1,52                   | 20                         | 2,50                   | 64                         | 265,1 | 258,8                  | 25                     | 3,07                       | 25                     | 8,96                       | 25                     | 14,89                      | 64                     | 265,1                      | 258,8 | 25                     | 3,07                   | 25                     | 8,96                       | 25                     | 14,89                      |
| 27                         | 114,0           | 109,4                  | 16                     | 0,56                   | 16                         | 1,63                   | 20                         | 2,69                   | 65                         | 269,0 | 262,9                  | 25                     | 3,16                       | 25                     | 9,22                       | 25                     | 15,33                      | 65                     | 269,0                      | 262,9 | 25                     | 3,16                   | 25                     | 9,22                       | 25                     | 15,33                      |
| 28                         | 118,0           | 113,42                 | 16                     | 0,60                   | 16                         | 1,75                   | 20                         | 2,89                   | 66                         | 273,0 | 266,9                  | 25                     | 3,25                       | 25                     | 9,50                       | 25                     | 15,80                      | 66                     | 273,0                      | 266,9 | 25                     | 3,25                   | 25                     | 9,50                       | 25                     | 15,80                      |
| 29                         | 122,0           | 117,46                 | 16                     | 0,64                   | 16                         | 1,88                   | 20                         | 3,09                   | 68                         | 281,0 | 275,0                  | 25                     | 3,45                       | 25                     | 10,07                      | 25                     | 16,74                      | 68                     | 281,0                      | 275,0 | 25                     | 3,45                   | 25                     | 10,07                      | 25                     | 16,74                      |
| 30                         | 126,1           | 121,5                  | 16                     | 0,69                   | 16                         | 2,01                   | 20                         | 3,31                   | 70                         | 289,0 | 283,1                  | 25                     | 3,65                       | 25                     | 10,64                      | 25                     | 17,72                      | 70                     | 289,0                      | 283,1 | 25                     | 3,65                   | 25                     | 10,64                      | 25                     | 17,72                      |
| 31                         | 130,2           | 125,54                 | 16                     | 0,73                   | 16                         | 2,14                   | 20                         | 3,53                   | 72                         | 297,2 | 291,2                  | 25                     | 3,86                       | 25                     | 11,28                      | 25                     | 18,75                      | 72                     | 297,2                      | 291,2 | 25                     | 3,86                   | 25                     | 11,28                      | 25                     | 18,75                      |
| 32                         | 134,3           | 129,56                 | 16                     | 0,78                   | 16                         | 2,28                   | 20                         | 3,77                   | 75                         | 309,2 | 303,3                  | 25                     | 4,18                       | 25                     | 12,28                      | 25                     | 20,30                      | 75                     | 309,2                      | 303,3 | 25                     | 4,18                   | 25                     | 12,28                      | 25                     | 20,30                      |
| 33                         | 138,4           | 133,6                  | 16                     | 0,83                   | 16                         | 2,43                   | 20                         | 4,00                   | 76                         | 313,3 | 307,3                  | 25                     | 4,30                       | 25                     | 12,57                      | 25                     | 20,85                      | 76                     | 313,3                      | 307,3 | 25                     | 4,30                   | 25                     | 12,57                      | 25                     | 20,85                      |
| 34                         | 142,6           | 137,64                 | 16                     | 0,85                   | 16                         | 2,58                   | 20                         | 4,26                   | 78                         | 321,4 | 315,4                  | 25                     | 4,52                       | 25                     | 13,20                      | 25                     | 21,95                      | 78                     | 321,4                      | 315,4 | 25                     | 4,52                   | 25                     | 13,20                      | 25                     | 21,95                      |
| 35                         | 146,7           | 141,68                 | 16                     | 0,93                   | 16                         | 2,73                   | 20                         | 4,51                   | 80                         | 329,0 | 323,5                  | 25                     | 4,74                       | 25                     | 13,84                      | 25                     | 23,00                      | 80                     | 329,0                      | 323,5 | 25                     | 4,74                   | 25                     | 13,84                      | 25                     | 23,00                      |
| 36                         | 151,0           | 145,72                 | 16                     | 0,99                   | 20                         | 2,88                   | 25                         | 4,74                   | 85                         | 349,0 | 343,7                  | 25                     | 5,34                       | 25                     | 15,58                      | 25                     | 25,90                      | 85                     | 349,0                      | 343,7 | 25                     | 5,34                   | 25                     | 15,58                      | 25                     | 25,90                      |
| 37                         | 154,6           | 149,76                 | 16                     | 1,04                   | 20                         | 3,02                   | 25                         | 4,97                   | 90                         | 369,9 | 363,9                  | 25                     | 6,00                       | 25                     | 17,52                      | 25                     | 29,11                      | 90                     | 369,9                      | 363,9 | 25                     | 6,00                   | 25                     | 17,52                      | 25                     | 29,11                      |
| 38                         | 158,6           | 153,83                 | 16                     | 1,09                   | 20                         | 3,18                   | 25                         | 5,24                   | 95                         | 390,1 | 384,1                  | 25                     | 6,68                       | 25                     | 19,49                      | 25                     | 32,40                      | 95                     | 390,1                      | 384,1 | 25                     | 6,68                   | 25                     | 19,49                      | 25                     | 32,40                      |
| 39                         | 162,7           | 157,83                 | 16                     | 1,15                   | 20                         | 3,35                   | 25                         | 5,52                   | 100                        | 410,3 | 404,3                  | 25                     | 7,39                       | 25                     | 21,57                      | 25                     | 35,85                      | 100                    | 410,3                      | 404,3 | 25                     | 7,39                   | 25                     | 21,57                      | 25                     | 35,85                      |
| 40                         | 166,8           | 161,87                 | 16                     | 1,21                   | 20                         | 3,52                   | 25                         | 5,81                   | 110                        | 450,7 | 444,7                  | 25                     | 8,93                       | 25                     | 26,05                      | 25                     | 43,29                      | 110                    | 450,7                      | 444,7 | 25                     | 8,93                   | 25                     | 26,05                      | 25                     | 43,29                      |
| 41                         | 171,4           | 165,91                 | 20                     | 1,27                   | 20                         | 3,72                   | 25                         | 6,14                   | 114                        | 466,9 | 460,9                  | 25                     | 9,58                       | 25                     | 27,96                      | 25                     | 46,47                      | 114                    | 466,9                      | 460,9 | 25                     | 9,58                   | 25                     | 27,96                      | 25                     | 46,47                      |
| 42                         | 175,4           | 169,95                 | 20                     | 1,33                   | 20                         | 3,90                   | 25                         | 6,44                   | 120                        | 491,2 | 485,2                  | 25                     | 10,60                      | 25                     | 30,95                      | 25                     | 51,45                      | 120                    | 491,2                      | 485,2 | 25                     | 10,60                  | 25                     | 30,95                      | 25                     | 51,45                      |
| 43                         | 179,7           | 173,99                 | 20                     | 1,40                   | 20                         | 4,10                   | 25                         | 6,77                   | 125                        | 511,3 | 505,4                  | 25                     | 11,53                      | 25                     | 33,55                      | 25                     | 55,75                      | 125                    | 511,3                      | 505,4 | 25                     | 11,53                  | 25                     | 33,55                      | 25                     | 55,75                      |

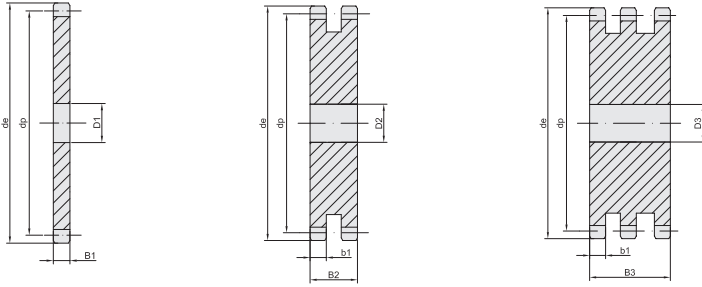
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobňě dle Vašich požadavků.

- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



**10B-1-2-3**



| Řetěz • Chain                    |                |           |
|----------------------------------|----------------|-----------|
| Rozteč • Pitch                   | P              | 15,875 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 9,65 mm   |
| Průměr válečku • Roller diameter | D              | 10,16 mm  |

| Řetězové kolo • Sprocket             |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 16 mm   |
| Šířka zaoblení • Radius width        | C  | 1,6 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 9,1 mm  |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 9 mm    |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 25,5 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>   | 42,1 mm |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

| Počet zubů<br>Teeth number | 1řadé • Simplex |                     |                     | 2řadé • Duplex      |               |                     | 3řadé • Triplex |                     |               | Počet zubů<br>Teeth number | 1řadé • Simplex |                     |                     | 2řadé • Duplex      |               |                     | 3řadé • Triplex |                     |               |
|----------------------------|-----------------|---------------------|---------------------|---------------------|---------------|---------------------|-----------------|---------------------|---------------|----------------------------|-----------------|---------------------|---------------------|---------------------|---------------|---------------------|-----------------|---------------------|---------------|
|                            | Z               | d <sub>e</sub> [mm] | d <sub>p</sub> [mm] | D <sub>1</sub> [mm] | Hmotnost [kg] | D <sub>2</sub> [mm] | Hmotnost [kg]   | D <sub>3</sub> [mm] | Hmotnost [kg] |                            | Z               | d <sub>e</sub> [mm] | d <sub>p</sub> [mm] | D <sub>1</sub> [mm] | Hmotnost [kg] | D <sub>2</sub> [mm] | Hmotnost [kg]   | D <sub>3</sub> [mm] | Hmotnost [kg] |
| 8                          | 47,0            | 41,48               | 10                  | 0,11                | 12            | 0,32                | 12              | 0,53                | 44            | 230,0                      | 222,53          | 20                  | 2,92                | 20                  | 8,20          | 25                  | 13,48           |                     |               |
| 9                          | 52,6            | 46,42               | 10                  | 0,14                | 12            | 0,40                | 12              | 0,67                | 45            | 235,0                      | 227,58          | 20                  | 3,05                | 20                  | 8,56          | 25                  | 14,08           |                     |               |
| 10                         | 57,5            | 51,37               | 10                  | 0,17                | 12            | 0,49                | 16              | 0,78                | 46            | 240,1                      | 232,63          | 20                  | 3,19                | 25                  | 8,90          | 25                  | 14,70           |                     |               |
| 11                         | 63,0            | 56,34               | 10                  | 0,21                | 14            | 0,58                | 16              | 0,95                | 47            | 245,1                      | 237,68          | 20                  | 3,32                | 25                  | 9,28          | 25                  | 15,33           |                     |               |
| 12                         | 68,0            | 61,36               | 10                  | 0,25                | 14            | 0,69                | 16              | 1,12                | 48            | 250,2                      | 242,73          | 20                  | 3,46                | 25                  | 9,68          | 25                  | 15,98           |                     |               |
| 13                         | 73,0            | 66,32               | 10                  | 0,29                | 14            | 0,80                | 16              | 1,30                | 49            | 255,2                      | 247,78          | 20                  | 3,60                | 25                  | 10,00         | 25                  | 16,63           |                     |               |
| 14                         | 78,0            | 71,34               | 10                  | 0,33                | 14            | 0,91                | 16              | 1,50                | 50            | 260,3                      | 252,82          | 20                  | 3,75                | 25                  | 10,40         | 25                  | 17,31           |                     |               |
| 15                         | 83,0            | 76,36               | 10                  | 0,37                | 14            | 1,04                | 16              | 1,71                | 51            | 265,3                      | 257,87          | 20                  | 3,90                | 25                  | 10,80         | 25                  | 17,99           |                     |               |
| 16                         | 88,0            | 81,37               | 12                  | 0,42                | 16            | 1,16                | 16              | 1,93                | 52            | 270,4                      | 262,92          | 20                  | 4,05                | 25                  | 11,30         | 25                  | 18,69           |                     |               |
| 17                         | 93,0            | 86,39               | 12                  | 0,47                | 16            | 1,31                | 16              | 2,16                | 53            | 275,4                      | 267,97          | 20                  | 4,20                | 25                  | 11,75         | 25                  | 19,39           |                     |               |
| 18                         | 98,3            | 91,42               | 12                  | 0,53                | 16            | 1,46                | 16              | 2,42                | 54            | 280,5                      | 273,03          | 20                  | 4,36                | 25                  | 12,19         | 25                  | 20,13           |                     |               |
| 19                         | 103,3           | 96,45               | 12                  | 0,58                | 16            | 1,62                | 16              | 2,68                | 55            | 285,5                      | 278,08          | 20                  | 4,52                | 25                  | 12,63         | 25                  | 20,86           |                     |               |
| 20                         | 108,4           | 101,49              | 12                  | 0,64                | 16            | 1,79                | 16              | 2,96                | 56            | 290,6                      | 283,13          | 20                  | 4,68                | 25                  | 13,09         | 25                  | 21,61           |                     |               |
| 21                         | 113,4           | 106,52              | 12                  | 0,70                | 16            | 1,96                | 20              | 3,21                | 57            | 296,0                      | 288,18          | 25                  | 4,84                | 25                  | 13,58         | 25                  | 22,43           |                     |               |
| 22                         | 118,0           | 111,55              | 12                  | 0,76                | 16            | 2,13                | 20              | 3,48                | 58            | 300,7                      | 293,23          | 25                  | 5,00                | 25                  | 14,02         | 25                  | 23,15           |                     |               |
| 23                         | 123,4           | 116,58              | 12                  | 0,84                | 16            | 2,33                | 20              | 3,82                | 59            | 305,7                      | 298,27          | 25                  | 5,17                | 25                  | 14,50         | 25                  | 23,94           |                     |               |
| 24                         | 128,3           | 121,62              | 12                  | 0,90                | 16            | 2,53                | 20              | 4,14                | 60            | 310,8                      | 303,32          | 25                  | 5,35                | 25                  | 14,99         | 25                  | 24,75           |                     |               |
| 25                         | 134,0           | 126,66              | 12                  | 0,99                | 16            | 2,76                | 20              | 4,52                | 62            | 321,4                      | 313,43          | 25                  | 5,72                | 25                  | 16,03         | 30                  | 26,40           |                     |               |
| 26                         | 139,0           | 131,70              | 16                  | 1,06                | 16            | 2,97                | 20              | 4,87                | 64            | 331,5                      | 323,53          | 25                  | 6,09                | 25                  | 17,06         | 30                  | 28,11           |                     |               |
| 27                         | 144,0           | 136,75              | 16                  | 1,14                | 16            | 3,19                | 20              | 5,24                | 65            | 336,5                      | 328,58          | 25                  | 6,27                | 25                  | 17,59         | 30                  | 28,97           |                     |               |
| 28                         | 148,7           | 141,78              | 16                  | 1,21                | 16            | 3,41                | 20              | 5,59                | 66            | 341,6                      | 333,63          | 25                  | 6,47                | 25                  | 18,13         | 30                  | 29,86           |                     |               |
| 29                         | 153,8           | 146,83              | 16                  | 1,30                | 16            | 3,65                | 20              | 5,99                | 68            | 351,7                      | 343,74          | 25                  | 6,86                | 25                  | 19,22         | 30                  | 31,66           |                     |               |
| 30                         | 158,8           | 151,87              | 16                  | 1,39                | 16            | 3,89                | 20              | 6,40                | 70            | 361,8                      | 353,84          | 25                  | 7,26                | 25                  | 20,35         | 30                  | 33,52           |                     |               |
| 31                         | 163,9           | 156,92              | 16                  | 1,48                | 20            | 4,13                | 20              | 6,82                | 72            | 371,9                      | 363,95          | 25                  | 7,67                | 25                  | 21,50         | 30                  | 35,43           |                     |               |
| 32                         | 168,9           | 161,95              | 16                  | 1,57                | 20            | 4,39                | 20              | 7,25                | 75            | 387,1                      | 379,09          | 25                  | 8,31                | 25                  | 23,31         | 30                  | 38,41           |                     |               |
| 33                         | 174,5           | 167,00              | 16                  | 1,68                | 20            | 4,69                | 20              | 7,75                | 76            | 392,1                      | 384,16          | 25                  | 8,53                | 25                  | 23,91         | 30                  | 39,41           |                     |               |
| 34                         | 179,0           | 172,05              | 16                  | 1,77                | 20            | 4,94                | 20              | 8,16                | 78            | 402,2                      | 394,25          | 25                  | 8,98                | 25                  | 25,17         | 30                  | 41,48           |                     |               |
| 35                         | 184,1           | 177,10              | 16                  | 1,87                | 20            | 5,23                | 20              | 8,63                | 80            | 412,3                      | 404,35          | 25                  | 9,44                | 30                  | 26,41         | 30                  | 43,61           |                     |               |
| 36                         | 189,1           | 182,15              | 20                  | 1,97                | 20            | 5,52                | 25              | 9,06                | 85            | 437,6                      | 429,62          | 30                  | 10,65               | 30                  | 29,77         | 30                  | 49,15           |                     |               |
| 37                         | 194,2           | 187,20              | 20                  | 2,08                | 20            | 5,82                | 25              | 9,56                | 90            | 462,8                      | 454,88          | 30                  | 11,80               | 30                  | 33,31         | 30                  | 55,00           |                     |               |
| 38                         | 199,2           | 192,24              | 20                  | 2,18                | 20            | 6,13                | 25              | 10,02               | 95            | 488,5                      | 480,14          | 30                  | 13,25               | 30                  | 37,13         | 30                  | 61,31           |                     |               |
| 39                         | 204,2           | 197,29              | 20                  | 2,30                | 20            | 6,45                | 25              | 10,59               | 100           | 513,4                      | 505,39          | 30                  | 14,64               | 30                  | 41,03         | 30                  | 67,74           |                     |               |
| 40                         | 209,3           | 202,34              | 20                  | 2,41                | 20            | 6,78                | 25              | 11,13               | 110           | 563,9                      | 555,92          | 30                  | 17,67               | 30                  | 49,53         | 30                  | 81,17           |                     |               |
| 41                         | 214,8           | 207,39              | 20                  | 2,54                | 20            | 7,14                | 25              | 11,73               | 114           | 584,1                      | 576,13          | 30                  | 18,96               | 30                  | 53,15         | 30                  | 87,75           |                     |               |
| 42                         | 219,9           | 212,44              | 20                  | 2,67                | 20            | 7,49                | 25              | 12,31               | 120           | 614,4                      | 606,45          | 30                  | 20,99               | 30                  | 58,82         | 30                  | 97,12           |                     |               |
| 43                         | 224,9           | 217,49              | 20                  | 2,79                | 20            | 7,83                | 25              | 12,88               | 125           | 639,7                      | 631,51          | 30                  | 22,76               | 30                  | 63,78         | 30                  | 105,38          |                     |               |

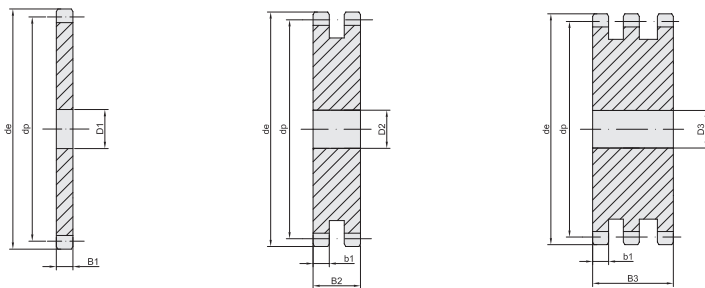
Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



## Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



### 12B-1-2-3

#### Řetězové kolo • Sprocket

|                                      |       |  |
|--------------------------------------|-------|--|
| Poloměr zaoblení zubu • Tooth radius | $r_3$ | 19 mm  |
| Šířka zaoblení • Radius width        | C     | 2 mm   |
| Šířka zubu • Sprocket tooth width    | $B_1$ | 11,1 mm  |
| Šířka zubu • Sprocket tooth width    | $b_1$ | 10,8 mm  |
| Šířka zubů • Sprocket tooth width    | $B_2$ | 30,3 mm  |
| Šířka zubů • Sprocket tooth width    | $B_3$ | 49,8 mm  |
| Materiál • Raw material              |       | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |

#### Řetěz • Chain

|                                  |       |          |
|----------------------------------|-------|----------|
| Rozteč • Pitch                   | P     | 19,05 mm |
| Vnitřní šířka • Inner width      | $b_1$ | 11,68 mm |
| Průměr válečku • Roller diameter | D     | 12,07 mm |

| 1řadé • Simplex            |               |               |               |                            | 2řadé • Duplex |                            |               |                            |                            | 3řadé • Triplex |               |               |                            |               |                            |               |                            |
|----------------------------|---------------|---------------|---------------|----------------------------|----------------|----------------------------|---------------|----------------------------|----------------------------|-----------------|---------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|
| Počet zubů<br>Teeth number | $d_e$<br>[mm] | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | $d_e$<br>[mm]   | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 57,6          | 49,78         | 12            | 0,21                       | 12             | 0,58                       | 16            | 0,93                       | 44                         | 276,5           | 267,04        | 25            | 5,15                       | 25            | 14,07                      | 25            | 23,13                      |
| 9                          | 62,0          | 55,70         | 12            | 0,25                       | 12             | 0,68                       | 16            | 1,09                       | 45                         | 282,5           | 273,10        | 25            | 5,38                       | 25            | 14,69                      | 25            | 24,15                      |
| 10                         | 69,0          | 61,64         | 12            | 0,31                       | 12             | 0,85                       | 16            | 1,37                       | 46                         | 287,9           | 279,16        | 25            | 5,59                       | 25            | 15,26                      | 25            | 25,09                      |
| 11                         | 75,0          | 67,61         | 14            | 0,36                       | 16             | 0,99                       | 20            | 1,59                       | 47                         | 294,0           | 285,21        | 25            | 5,87                       | 25            | 15,92                      | 25            | 26,17                      |
| 12                         | 81,5          | 73,61         | 14            | 0,45                       | 16             | 1,18                       | 20            | 1,90                       | 48                         | 300,1           | 291,27        | 25            | 6,08                       | 25            | 16,60                      | 25            | 27,28                      |
| 13                         | 87,5          | 79,59         | 14            | 0,50                       | 16             | 1,37                       | 20            | 2,21                       | 49                         | 306,2           | 297,33        | 25            | 6,33                       | 25            | 17,28                      | 25            | 28,41                      |
| 14                         | 93,6          | 85,61         | 14            | 0,58                       | 16             | 1,57                       | 20            | 2,55                       | 50                         | 312,3           | 303,29        | 25            | 6,58                       | 25            | 17,98                      | 25            | 29,56                      |
| 15                         | 99,8          | 91,63         | 14            | 0,66                       | 16             | 1,80                       | 20            | 2,91                       | 51                         | 318,4           | 309,45        | 25            | 6,85                       | 25            | 18,70                      | 25            | 30,73                      |
| 16                         | 105,5         | 97,65         | 14            | 0,74                       | 20             | 1,99                       | 20            | 3,27                       | 52                         | 324,5           | 315,50        | 25            | 7,11                       | 25            | 19,42                      | 25            | 31,93                      |
| 17                         | 111,5         | 103,67        | 14            | 0,83                       | 20             | 2,23                       | 20            | 3,67                       | 53                         | 330,5           | 321,56        | 25            | 7,38                       | 25            | 20,15                      | 25            | 33,13                      |
| 18                         | 118,0         | 109,71        | 14            | 0,93                       | 20             | 2,51                       | 20            | 4,12                       | 54                         | 336,6           | 327,64        | 25            | 7,66                       | 25            | 20,91                      | 25            | 34,37                      |
| 19                         | 124,2         | 115,75        | 14            | 1,03                       | 20             | 2,78                       | 20            | 4,58                       | 55                         | 342,7           | 333,70        | 25            | 7,94                       | 25            | 21,68                      | 25            | 35,63                      |
| 20                         | 129,7         | 121,78        | 14            | 1,13                       | 20             | 3,04                       | 20            | 5,01                       | 56                         | 348,7           | 339,75        | 25            | 8,22                       | 25            | 22,45                      | 30            | 36,82                      |
| 21                         | 136,0         | 127,82        | 16            | 1,24                       | 20             | 3,35                       | 20            | 5,52                       | 57                         | 355,4           | 345,81        | 25            | 8,54                       | 25            | 23,32                      | 30            | 38,25                      |
| 22                         | 141,8         | 133,86        | 16            | 1,34                       | 20             | 3,65                       | 20            | 6,01                       | 58                         | 361,5           | 351,87        | 25            | 8,84                       | 25            | 24,14                      | 30            | 39,59                      |
| 23                         | 149,0         | 139,9         | 16            | 1,49                       | 20             | 4,04                       | 20            | 6,65                       | 59                         | 367,5           | 357,93        | 25            | 9,14                       | 25            | 24,953                     | 30            | 40,92                      |
| 24                         | 153,9         | 145,94        | 16            | 1,59                       | 20             | 4,32                       | 20            | 7,10                       | 60                         | 373,0           | 363,99        | 25            | 9,41                       | 25            | 25,70                      | 30            | 42,17                      |
| 25                         | 160,0         | 152,00        | 16            | 1,72                       | 20             | 4,67                       | 20            | 7,68                       | 62                         | 385,1           | 376,12        | 25            | 10,02                      | 30            | 27,36                      | 30            | 44,96                      |
| 26                         | 165,9         | 158,04        | 16            | 1,85                       | 20             | 5,03                       | 20            | 8,27                       | 64                         | 397,2           | 388,24        | 25            | 10,65                      | 30            | 29,15                      | 30            | 47,85                      |
| 27                         | 172,3         | 164,09        | 16            | 2,00                       | 20             | 5,43                       | 20            | 8,93                       | 65                         | 403,2           | 394,29        | 25            | 11,01                      | 30            | 30,00                      | 30            | 49,32                      |
| 28                         | 178,0         | 170,13        | 16            | 2,13                       | 20             | 5,80                       | 20            | 9,54                       | 66                         | 409,3           | 400,35        | 30            | 11,33                      | 30            | 30,92                      | 30            | 50,83                      |
| 29                         | 184,1         | 176,19        | 16            | 2,28                       | 20             | 6,21                       | 20            | 10,27                      | 68                         | 421,4           | 412,49        | 30            | 12,01                      | 30            | 32,79                      | 30            | 53,90                      |
| 30                         | 190,5         | 182,25        | 16            | 2,45                       | 20             | 6,66                       | 20            | 10,99                      | 70                         | 433,6           | 424,60        | 30            | 12,72                      | 30            | 34,73                      | 30            | 57,08                      |
| 31                         | 196,3         | 188,31        | 20            | 2,59                       | 20             | 7,07                       | 25            | 11,56                      | 72                         | 447,0           | 436,74        | 30            | 13,52                      | 30            | 36,92                      | 30            | 60,68                      |
| 32                         | 203,3         | 194,35        | 20            | 2,78                       | 20             | 7,59                       | 25            | 12,41                      | 75                         | 463,9           | 454,91        | 30            | 14,57                      | 30            | 39,77                      | 30            | 65,37                      |
| 33                         | 209,3         | 200,40        | 20            | 2,95                       | 20             | 8,05                       | 25            | 13,17                      | 76                         | 469,9           | 460,99        | 30            | 14,95                      | 30            | 40,81                      | 30            | 67,08                      |
| 34                         | 214,6         | 206,46        | 20            | 3,10                       | 20             | 8,47                       | 25            | 13,85                      | 78                         | 482,1           | 473,10        | 30            | 15,74                      | 30            | 42,97                      | 30            | 70,63                      |
| 35                         | 221,0         | 212,52        | 20            | 3,29                       | 25             | 8,94                       | 25            | 14,70                      | 80                         | 494,2           | 485,22        | 30            | 16,54                      | 30            | 45,16                      | 30            | 74,23                      |
| 36                         | 226,8         | 218,58        | 20            | 3,47                       | 25             | 9,43                       | 25            | 15,50                      | 85                         | 524,5           | 515,55        | 30            | 18,64                      | 30            | 50,89                      | 30            | 83,65                      |
| 37                         | 232,9         | 224,64        | 20            | 3,66                       | 25             | 9,95                       | 25            | 16,35                      | 90                         | 554,8           | 545,86        | 30            | 20,86                      | 30            | 56,96                      | 30            | 93,62                      |
| 38                         | 239,0         | 230,69        | 20            | 3,85                       | 25             | 10,46                      | 25            | 17,23                      | 95                         | 585,1           | 576,17        | 30            | 23,21                      | 30            | 63,37                      | 30            | 104,17                     |
| 39                         | 245,1         | 236,75        | 20            | 4,05                       | 25             | 11,04                      | 25            | 18,13                      | 100                        | 615,4           | 606,47        | 30            | 25,69                      | 30            | 70,13                      | 30            | 115,26                     |
| 40                         | 251,3         | 242,81        | 20            | 4,26                       | 25             | 11,60                      | 25            | 19,07                      | 110                        | 676,1           | 667,11        | 30            | 31,00                      | 30            | 84,68                      | 30            | 139,18                     |
| 41                         | 257,3         | 248,87        | 25            | 4,59                       | 25             | 12,17                      | 25            | 20,00                      | 114                        | 700,6           | 691,36        | 30            | 33,3                       | 30            | 90,94                      | 30            | 149,47                     |
| 42                         | 264,5         | 254,93        | 25            | 4,71                       | 25             | 12,87                      | 25            | 21,15                      | 120                        | 736,7           | 727,74        | 30            | 36,84                      | 30            | 100,57                     | 30            | 165,30                     |
| 43                         | 270,5         | 260,98        | 25            | 4,93                       | 25             | 13,46                      | 25            | 22,13                      | 125                        | 767,0           | 758,05        | 30            | 39,92                      | 30            | 109,03                     | 30            | 179,20                     |

Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

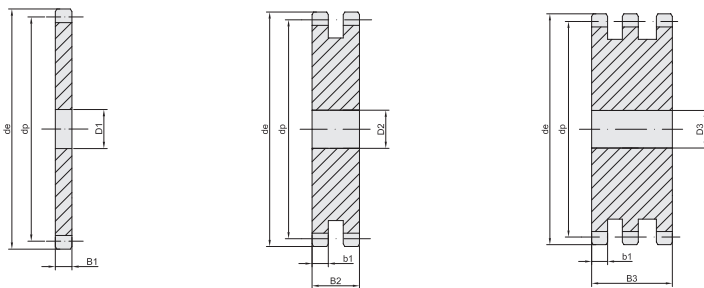


# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



**16B-1-2-3**



| Řetěz • Chain                    |                         |
|----------------------------------|-------------------------|
| Rozteč • Pitch                   | P 25,4 mm               |
| Vnitřní šířka • Inner width      | b <sub>1</sub> 17,02 mm |
| Průměr válečku • Roller diameter | D 15,88 mm              |

| Řetězové kolo • Sprocket             |   |         |
|--------------------------------------|---|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>  | 26 mm   |
| Šířka zaoblení • Radius width        | C   | 2,5 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>  | 16,2 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>  | 15,8 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>  | 47,7 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>  | 79,6 mm |
| Materiál • Raw material              | <p>ocel • steel<br/>C40/C45 nerez / stainless<br/>C40/C45 kalena / hardened</p> |         |

| 1řadé • Simplex            |                        |                        |                        |                            | 2řadé • Duplex         |                            |                        |                            |                            | 3řadé • Triplex        |                        |                        |                            |                        |                            |                        |                            |
|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 77,0                   | 66,37                  | 14                     | 0,56                       | 16                     | 1,65                       | 20                     | 2,69                       | 44                         | 369,1                  | 356,06                 | 25                     | 13,42                      | 25                     | 39,627                     | 30                     | 65,99                      |
| 9                          | 85,0                   | 74,27                  | 14                     | 0,69                       | 16                     | 2,03                       | 20                     | 3,32                       | 45                         | 377,1                  | 364,13                 | 25                     | 14,05                      | 25                     | 41,37                      | 30                     | 68,90                      |
| 10                         | 93,0                   | 82,19                  | 15                     | 0,83                       | 16                     | 2,45                       | 20                     | 4,02                       | 46                         | 385,2                  | 372,21                 | 25                     | 14,66                      | 30                     | 43,09                      | 30                     | 71,91                      |
| 11                         | 99,5                   | 90,14                  | 15                     | 0,96                       | 20                     | 2,77                       | 25                     | 4,52                       | 47                         | 393,2                  | 380,29                 | 25                     | 15,28                      | 30                     | 44,91                      | 30                     | 74,95                      |
| 12                         | 109,0                  | 98,14                  | 15                     | 1,15                       | 20                     | 3,35                       | 25                     | 5,48                       | 48                         | 401,3                  | 388,36                 | 25                     | 15,92                      | 30                     | 46,79                      | 30                     | 78,09                      |
| 13                         | 117,0                  | 106,12                 | 15                     | 1,33                       | 20                     | 3,88                       | 25                     | 6,37                       | 49                         | 409,3                  | 396,44                 | 25                     | 16,56                      | 30                     | 48,69                      | 30                     | 81,25                      |
| 14                         | 125,0                  | 114,15                 | 15                     | 1,52                       | 20                     | 4,44                       | 25                     | 7,31                       | 50                         | 417,4                  | 404,52                 | 25                     | 17,22                      | 30                     | 50,64                      | 30                     | 84,51                      |
| 15                         | 133,0                  | 122,17                 | 15                     | 1,73                       | 20                     | 5,05                       | 25                     | 8,32                       | 51                         | 425,5                  | 412,60                 | 25                     | 17,90                      | 30                     | 52,64                      | 40                     | 87,50                      |
| 16                         | 141,0                  | 130,20                 | 19                     | 1,93                       | 20                     | 5,69                       | 30                     | 9,25                       | 52                         | 433,6                  | 420,67                 | 30                     | 18,56                      | 30                     | 54,67                      | 40                     | 90,90                      |
| 17                         | 149,0                  | 138,22                 | 19                     | 2,16                       | 20                     | 6,37                       | 30                     | 10,37                      | 53                         | 441,7                  | 428,75                 | 30                     | 19,27                      | 30                     | 56,74                      | 40                     | 94,35                      |
| 18                         | 157,0                  | 146,28                 | 19                     | 2,41                       | 20                     | 7,08                       | 30                     | 11,58                      | 54                         | 448,3                  | 436,85                 | 30                     | 19,85                      | 30                     | 58,46                      | 40                     | 97,22                      |
| 19                         | 165,2                  | 154,33                 | 19                     | 2,67                       | 20                     | 7,85                       | 30                     | 12,86                      | 55                         | 457,9                  | 444,93                 | 30                     | 20,71                      | 30                     | 61,00                      | 40                     | 101,44                     |
| 20                         | 173,2                  | 162,28                 | 19                     | 2,94                       | 20                     | 8,64                       | 30                     | 14,18                      | 56                         | 466,0                  | 453,01                 | 30                     | 21,46                      | 30                     | 63,19                      | 40                     | 105,13                     |
| 21                         | 181,2                  | 170,43                 | 20                     | 3,21                       | 25                     | 9,41                       | 30                     | 15,57                      | 57                         | 474,0                  | 461,07                 | 30                     | 22,20                      | 30                     | 65,39                      | 40                     | 108,70                     |
| 22                         | 189,3                  | 178,48                 | 20                     | 3,51                       | 25                     | 10,28                      | 30                     | 17,03                      | 58                         | 482,1                  | 469,16                 | 30                     | 22,97                      | 30                     | 67,65                      | 40                     | 112,55                     |
| 23                         | 197,5                  | 186,53                 | 20                     | 3,83                       | 25                     | 11,25                      | 30                     | 18,58                      | 59                         | 490,2                  | 477,24                 | 30                     | 23,75                      | 30                     | 69,99                      | 40                     | 116,39                     |
| 24                         | 205,5                  | 194,59                 | 20                     | 4,15                       | 25                     | 12,15                      | 30                     | 20,15                      | 60                         | 498,3                  | 485,32                 | 30                     | 24,55                      | 30                     | 72,29                      | 40                     | 120,301                    |
| 25                         | 213,5                  | 202,66                 | 20                     | 4,48                       | 25                     | 13,13                      | 30                     | 21,78                      | 62                         | 514,5                  | 501,50                 | 30                     | 26,18                      | 30                     | 77,08                      | 40                     | 128,30                     |
| 26                         | 221,6                  | 210,72                 | 20                     | 4,83                       | 25                     | 14,16                      | 30                     | 23,50                      | 64                         | 530,7                  | 517,65                 | 30                     | 27,86                      | 30                     | 82,03                      | 40                     | 136,55                     |
| 27                         | 229,6                  | 218,79                 | 20                     | 5,19                       | 25                     | 15,22                      | 30                     | 25,26                      | 65                         | 538,8                  | 525,73                 | 30                     | 28,72                      | 30                     | 84,56                      | 40                     | 140,78                     |
| 28                         | 237,7                  | 226,85                 | 20                     | 5,56                       | 25                     | 16,32                      | 30                     | 27,11                      | 66                         | 546,8                  | 533,80                 | 30                     | 29,58                      | 30                     | 87,10                      | 40                     | 145,01                     |
| 29                         | 245,8                  | 234,92                 | 20                     | 5,95                       | 25                     | 17,35                      | 30                     | 29,02                      | 68                         | 562,9                  | 549,98                 | 30                     | 31,35                      | 30                     | 92,32                      | 40                     | 153,73                     |
| 30                         | 254,0                  | 243,00                 | 20                     | 6,36                       | 25                     | 18,66                      | 30                     | 31,02                      | 70                         | 579,2                  | 566,14                 | 30                     | 33,20                      | 30                     | 97,76                      | 40                     | 162,80                     |
| 31                         | 262,0                  | 251,08                 | 25                     | 6,75                       | 25                     | 19,87                      | 30                     | 33,03                      | 72                         | 595,4                  | 582,32                 | 30                     | 35,09                      | 30                     | 103,37                     | 40                     | 172,08                     |
| 32                         | 270,0                  | 259,13                 | 25                     | 7,17                       | 25                     | 21,11                      | 30                     | 35,10                      | 75                         | 619,7                  | 606,55                 | 30                     | 38,02                      | 30                     | 111,95                     | 40                     | 186,48                     |
| 33                         | 278,5                  | 267,21                 | 25                     | 7,63                       | 25                     | 22,48                      | 30                     | 37,38                      | 76                         | 627,0                  | 614,65                 | 30                     | 38,92                      | 30                     | 114,65                     | 40                     | 190,92                     |
| 34                         | 287,0                  | 275,28                 | 25                     | 8,11                       | 25                     | 23,88                      | 30                     | 39,72                      | 78                         | 643,3                  | 630,80                 | 30                     | 40,98                      | 30                     | 120,66                     | 40                     | 201,02                     |
| 35                         | 296,2                  | 283,36                 | 25                     | 8,64                       | 25                     | 25,45                      | 30                     | 42,34                      | 80                         | 660,0                  | 646,96                 | 30                     | 43,14                      | 30                     | 127,02                     | 40                     | 211,63                     |
| 36                         | 304,6                  | 291,44                 | 25                     | 9,14                       | 25                     | 26,92                      | 30                     | 44,80                      | 85                         | 699,9                  | 687,40                 | 30                     | 48,44                      | 30                     | 142,88                     | 40                     | 238,09                     |
| 37                         | 312,6                  | 299,51                 | 25                     | 9,63                       | 25                     | 28,37                      | 30                     | 47,21                      | 90                         | 740,3                  | 727,81                 | 30                     | 54,30                      | 30                     | 159,88                     | 40                     | 266,46                     |
| 38                         | 320,7                  | 307,59                 | 25                     | 10,14                      | 25                     | 29,87                      | 30                     | 49,71                      | 95                         | 781,1                  | 768,22                 | 30                     | 60,46                      | 30                     | 178,02                     | 40                     | 296,73                     |
| 39                         | 328,8                  | 315,67                 | 25                     | 10,66                      | 25                     | 31,40                      | 30                     | 52,27                      | 100                        | 821,1                  | 808,63                 | 30                     | 66,82                      | 30                     | 196,75                     | 40                     | 327,98                     |
| 40                         | 336,9                  | 323,75                 | 25                     | 11,20                      | 25                     | 32,98                      | 30                     | 54,90                      | 110                        | 902,0                  | 889,48                 | 30                     | 80,65                      | 30                     | 237,48                     | 40                     | 395,96                     |
| 41                         | 345,0                  | 331,82                 | 25                     | 11,75                      | 25                     | 34,59                      | 30                     | 57,60                      | 114                        | 934,3                  | 921,81                 | 30                     | 86,54                      | 40                     | 254,61                     | 40                     | 424,88                     |
| 42                         | 353,0                  | 339,90                 | 25                     | 12,30                      | 25                     | 36,23                      | 30                     | 60,32                      | 120                        | 982,8                  | 970,33                 | 30                     | 95,76                      | 40                     | 281,78                     | 40                     | 470,22                     |
| 43                         | 361,1                  | 347,98                 | 25                     | 12,87                      | 25                     | 37,92                      | 30                     | 63,14                      | 125                        | 1023,2                 | 1010,73                | 30                     | 103,81                     | 40                     | 305,46                     | 40                     | 509,74                     |

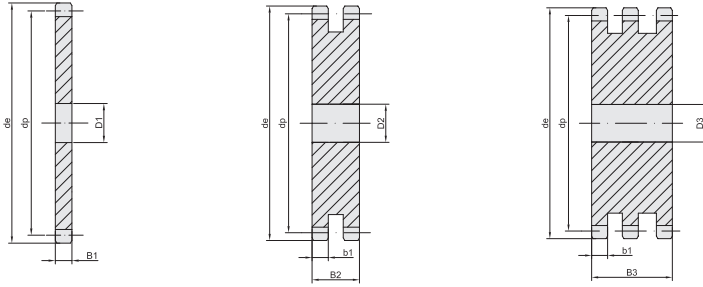
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

## Řetězové disky

### Plate wheels

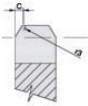
Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



## 20B-1-2-3

### Řetězové kolo • Sprocket

|                                      |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | $r_3$  | 32 mm   |
| Šířka zaoblení • Radius width        | C  | 3,5 mm  |
| Šířka zubu • Sprocket tooth width    | $B_1$  | 18,5 mm |
| Šířka zubu • Sprocket tooth width    | $b_1$  | 18,2 mm |
| Šířka zubů • Sprocket tooth width    | $B_2$  | 54,6 mm |
| Šířka zubů • Sprocket tooth width    | $B_3$  | 91 mm   |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |



### Řetěz • Chain

|                                  |       |          |
|----------------------------------|-------|----------|
| Rozteč • Pitch                   | P     | 31,75 mm |
| Vnitřní šířka • Inner width      | $b_1$ | 19,56 mm |
| Průměr válečku • Roller diameter | D     | 19,05 mm |

| 1řadé • Simplex            |               |               |               |                            | 2řadé • Duplex |                            |               | 3řadé • Triplex            |                            |               | 1řadé • Simplex |               |                            |               |                            | 2řadé • Duplex |                            |                            | 3řadé • Triplex |               |               |                            |               |                            |               |                            |
|----------------------------|---------------|---------------|---------------|----------------------------|----------------|----------------------------|---------------|----------------------------|----------------------------|---------------|-----------------|---------------|----------------------------|---------------|----------------------------|----------------|----------------------------|----------------------------|-----------------|---------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------------|
| Počet zubů<br>Teeth number | $d_e$<br>[mm] | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | $d_e$<br>[mm] | $d_p$<br>[mm]   | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | $d_e$<br>[mm]   | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 98,1          | 82,96         | 16            | 1,06                       | 20             | 3,08                       | 20            | 5,14                       | 44                         | 450,1         | 434,97          | 30            | 22,85                      | -             | -                          | -              | -                          | 44                         | 450,1           | 434,97        | 30            | 22,85                      | -             | -                          | -             | -                          |
| 9                          | 108,0         | 92,84         | 16            | 1,29                       | 20             | 3,76                       | 20            | 6,27                       | 45                         | 460,2         | 445,07          | 30            | 23,90                      | -             | -                          | -              | -                          | 45                         | 460,2           | 445,07        | 30            | 23,90                      | -             | -                          | -             | -                          |
| 10                         | 117,9         | 102,74        | 16            | 1,54                       | 20             | 4,51                       | 20            | 7,52                       | 46                         | 470,3         | 455,17          | 30            | 24,96                      | 30            | 73,68                      | 40             | 122,41                     | 46                         | 470,3           | 455,17        | 30            | 24,96                      | 30            | 73,68                      | 40            | 122,41                     |
| 11                         | 127,8         | 112,68        | 16            | 1,82                       | 20             | 5,32                       | 20            | 8,88                       | 47                         | 480,4         | 465,26          | 30            | 26,05                      | 30            | 76,89                      | 40             | 127,76                     | 47                         | 480,4           | 465,26        | 30            | 26,05                      | 30            | 76,89                      | 40            | 127,76                     |
| 12                         | 137,8         | 122,68        | 20            | 2,10                       | 20             | 6,21                       | 20            | 10,32                      | 48                         | 490,5         | 475,36          | 30            | 27,16                      | -             | -                          | -              | -                          | 48                         | 490,5           | 475,36        | 30            | 27,16                      | -             | -                          | -             | -                          |
| 13                         | 147,8         | 132,65        | 20            | 2,43                       | 20             | 7,17                       | 20            | 11,95                      | 49                         | 500,6         | 485,46          | 30            | 28,29                      | 30            | 83,52                      | 40             | 138,81                     | 49                         | 500,6           | 485,46        | 30            | 28,29                      | 30            | 83,52                      | 40            | 138,81                     |
| 14                         | 157,8         | 142,68        | 20            | 2,77                       | 20             | 8,19                       | 20            | 13,65                      | 50                         | 510,7         | 495,55          | 30            | 29,45                      | -             | -                          | -              | -                          | 50                         | 510,7           | 495,55        | 30            | 29,45                      | -             | -                          | -             | -                          |
| 15                         | 167,9         | 152,72        | 20            | 3,14                       | 20             | 9,29                       | 20            | 15,49                      | 51                         | 520,8         | 505,65          | 30            | 30,63                      | 30            | 90,42                      | 40             | 150,31                     | 51                         | 520,8           | 505,65        | 30            | 30,63                      | 30            | 90,42                      | 40            | 150,31                     |
| 16                         | 177,9         | 162,75        | 25            | 3,51                       | 25             | 10,36                      | 25            | 17,29                      | 52                         | 530,9         | 515,75          | 30            | 31,84                      | -             | -                          | -              | -                          | 52                         | 530,9           | 515,75        | 30            | 31,84                      | -             | -                          | -             | -                          |
| 17                         | 187,9         | 172,78        | 25            | 3,93                       | 25             | 11,16                      | 25            | 19,33                      | 53                         | 541,0         | 525,84          | 30            | 33,06                      | -             | -                          | -              | -                          | 53                         | 541,0           | 525,84        | 30            | 33,06                      | -             | -                          | -             | -                          |
| 18                         | 198,0         | 182,85        | 25            | 4,37                       | 25             | 12,90                      | 25            | 21,50                      | 54                         | 551,1         | 535,94          | 30            | 34,31                      | 30            | 101,25                     | 40             | 168,41                     | 54                         | 551,1           | 535,94        | 30            | 34,31                      | 30            | 101,25                     | 40            | 168,41                     |
| 19                         | 208,1         | 192,91        | 25            | 4,83                       | 25             | 14,27                      | 25            | 23,79                      | 55                         | 561,2         | 546,07          | 30            | 35,59                      | -             | -                          | -              | -                          | 55                         | 561,2           | 546,07        | 30            | 35,59                      | -             | -                          | -             | -                          |
| 20                         | 218,1         | 202,98        | 25            | 5,32                       | 25             | 15,70                      | 25            | 26,16                      | 56                         | 571,3         | 556,16          | 30            | 36,88                      | 30            | 108,86                     | 40             | 181,05                     | 56                         | 571,3           | 556,16        | 30            | 36,88                      | 30            | 108,86                     | 40            | 181,05                     |
| 21                         | 228,2         | 213,04        | 25            | 5,83                       | 25             | 17,20                      | 25            | 28,68                      | 57                         | 581,4         | 566,26          | 30            | 38,20                      | -             | -                          | -              | -                          | 57                         | 581,4           | 566,26        | 30            | 38,20                      | -             | -                          | -             | -                          |
| 22                         | 238,3         | 223,11        | 25            | 6,36                       | 25             | 18,78                      | 25            | 31,30                      | 58                         | 591,5         | 576,36          | 30            | 39,55                      | 30            | 116,72                     | 40             | 194,15                     | 58                         | 591,5           | 576,36        | 30            | 39,55                      | 30            | 116,72                     | 40            | 194,15                     |
| 23                         | 248,3         | 233,17        | 25            | 6,91                       | 25             | 20,41                      | 25            | 34,02                      | 59                         | 601,6         | 586,45          | 30            | 40,91                      | -             | -                          | -              | -                          | 59                         | 601,6           | 586,45        | 30            | 40,91                      | -             | -                          | -             | -                          |
| 24                         | 258,4         | 243,23        | 25            | 7,49                       | 25             | 22,12                      | 25            | 36,87                      | 60                         | 611,7         | 596,55          | 30            | 42,30                      | -             | -                          | -              | -                          | 60                         | 611,7           | 596,55        | 30            | 42,30                      | -             | -                          | -             | -                          |
| 25                         | 268,5         | 253,33        | 25            | 8,09                       | 25             | 23,90                      | 25            | 39,84                      | 62                         | 621,8         | 606,65          | 30            | 43,71                      | 30            | 129,02                     | 40             | 214,64                     | 62                         | 621,8           | 606,65        | 30            | 43,71                      | 30            | 129,02                     | 40            | 214,64                     |
| 26                         | 278,6         | 263,40        | 25            | 8,72                       | 25             | 25,75                      | 25            | 42,92                      | 64                         | 642,0         | 626,87          | 30            | 46,60                      | -             | -                          | -              | -                          | 64                         | 642,0           | 626,87        | 30            | 46,60                      | -             | -                          | -             | -                          |
| 27                         | 288,6         | 273,49        | 25            | 9,36                       | 25             | 27,65                      | 25            | 46,08                      | 65                         | 662,2         | 647,06          | 30            | 49,59                      | -             | -                          | -              | -                          | 65                         | 662,2           | 647,06        | 30            | 49,59                      | -             | -                          | -             | -                          |
| 28                         | 298,7         | 283,56        | 25            | 10,04                      | 25             | 29,63                      | 25            | 49,39                      | 66                         | 672,3         | 657,16          | 30            | 51,12                      | 30            | 150,88                     | 40             | 251,07                     | 66                         | 672,3           | 657,16        | 30            | 51,12                      | 30            | 150,88                     | 40            | 251,07                     |
| 29                         | 308,8         | 293,65        | 25            | 10,76                      | 25             | 31,68                      | 25            | 52,81                      | 68                         | 682,4         | 667,26          | 30            | 52,67                      | -             | -                          | -              | -                          | 68                         | 682,4           | 667,26        | 30            | 52,67                      | -             | -                          | -             | -                          |
| 30                         | 318,9         | 303,75        | 25            | 11,44                      | 25             | 33,80                      | 25            | 56,34                      | 70                         | 702,6         | 687,48          | 30            | 55,84                      | -             | -                          | -              | -                          | 70                         | 702,6           | 687,48        | 30            | 55,84                      | -             | -                          | -             | -                          |
| 31                         | 329,0         | 313,85        | 25            | 12,19                      | 25             | 35,99                      | 30            | 59,83                      | 72                         | 722,8         | 707,67          | 30            | 59,10                      | 30            | 174,44                     | 40             | 290,35                     | 72                         | 722,8           | 707,67        | 30            | 59,10                      | 30            | 174,44                     | 40            | 290,35                     |
| 32                         | 339,1         | 323,91        | 25            | 12,96                      | 25             | 38,25                      | 30            | 63,60                      | 75                         | 743,1         | 727,90          | 30            | 62,48                      | -             | -                          | -              | -                          | 75                         | 743,1           | 727,90        | 30            | 62,48                      | -             | -                          | -             | -                          |
| 33                         | 349,2         | 334,01        | 25            | 13,74                      | 25             | 40,57                      | 30            | 67,47                      | 76                         | 773,3         | 758,19          | 30            | 67,67                      | -             | -                          | -              | -                          | 76                         | 773,3           | 758,19        | 30            | 67,67                      | -             | -                          | -             | -                          |
| 34                         | 359,3         | 344,10        | 25            | 14,56                      | 25             | 42,97                      | 30            | 71,46                      | 78                         | 783,5         | 768,32          | 30            | 69,46                      | 30            | 205,03                     | 40             | 341,32                     | 78                         | 783,5           | 768,32        | 30            | 69,46                      | 30            | 205,03                     | 40            | 341,32                     |
| 35                         | 369,4         | 354,20        | 25            | 15,39                      | 25             | 45,43                      | 30            | 75,56                      | 80                         | 823,9         | 808,72          | 30            | 76,82                      | 30            | 226,75                     | 40             | 377,52                     | 80                         | 823,9           | 808,72        | 30            | 76,82                      | 30            | 226,75                     | 40            | 377,52                     |
| 36                         | 379,5         | 364,30        | 25            | 16,25                      | 30             | 47,87                      | 30            | 79,78                      | 85                         | 874,4         | 859,25          | 30            | 86,54                      | -             | -                          | -              | -                          | 85                         | 874,4           | 859,25        | 30            | 86,54                      | -             | -                          | -             | -                          |
| 37                         | 389,5         | 374,39        | 25            | 17,12                      | 30             | 50,4                       | 30            | 84,07                      | 90                         | 924,9         | 909,76          | 30            | 96,84                      | -             | -                          | -              | -                          | 90                         | 924,9           | 909,76        | 30            | 96,84                      | -             | -                          | -             | -                          |
| 38                         | 399,6         | 384,49        | 25            | 18,02                      | 30             | 53,10                      | 30            | 88,51                      | 95                         | 975,4         | 960,28          | 30            | 107,73                     | 30            | 317,93                     | 40             | 529,49                     | 95                         | 975,4           | 960,28        | 30            | 107,73                     | 30            | 317,93                     | 40            | 529,49                     |
| 39                         | 409,7         | 394,59        | 25            | 18,95                      | 30             | 55,84                      | 30            | 93,07                      | 100                        | 1026,0        | 1026,0          | 30            | 119,20                     | -             | -                          | -              | -                          | 100                        | 1026,0          | 1026,0        | 30            | 119,20                     | -             | -                          | -             | -                          |
| 40                         | 419,8         | 404,69        | 25            | 19,90                      | 30             | 58,64                      | 30            | 97,74                      | 114                        | 1167,4        | 1152,26         | 30            | 154,35                     | 40            | 455,30                     | 40             | 758,84                     | 114                        | 1167,4          | 1152,26       | 30            | 154,35                     | 40            | 455,30                     | 40            | 758,84                     |
| 41                         | 429,9         | 414,78        | 30            | 20,84                      | -              | -                          | -             | -                          | -                          | -             | -               | -             | -                          | -             | -                          | -              | -                          | -                          | -               | -             | -             | -                          | -             | -                          | -             | -                          |
| 42                         | 440,0         | 424,88        | 30            | 21,83                      | 30             | 64,45                      | 40            | 107,03                     | -                          | -             | -               | -             | -                          | -             | -                          | -              | -                          | -                          | -               | -             | -             | -                          | -             | -                          | -             | -                          |

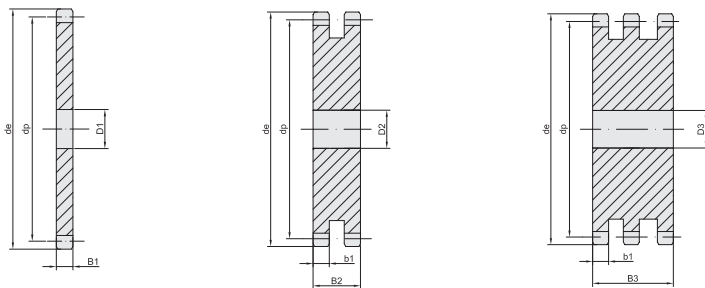
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



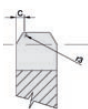
# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



## 24B-1-2-3

| Řetězové kolo • Sprocket                    |   |          |
|---|---|----------|
| <b>Poloměr zaoblení zubu • Tooth radius</b> | $r_3$   | 38 mm    |
| <b>Šířka zaoblení • Radius width</b>        | C   | 4 mm     |
| <b>Šířka zubu • Sprocket tooth width</b>    | $B_1$   | 24,1 mm  |
| <b>Šířka zubu • Sprocket tooth width</b>    | $b_1$   | 23,6 mm  |
| <b>Šířka zubů • Sprocket tooth width</b>    | $B_2$   | 72 mm    |
| <b>Šířka zubů • Sprocket tooth width</b>    | $B_3$   | 120,3 mm |
| <b>Materiál • Raw material</b>              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |          |



| Řetěz • Chain                           |       |         |
|---|-------|---------|
| <b>Rozteč • Pitch</b>                   | P     | 38,1 mm |
| <b>Vnitřní šířka • Inner width</b>      | $b_1$ | 25,4 mm |
| <b>Průměr válečku • Roller diameter</b> | D     | 25,4 mm |

|                            |    | 1řadé • Simplex |               | 2řadé • Duplex |                            | 3řadé • Triplex |                            |               |                            | 1řadé • Simplex            |    | 2řadé • Duplex |               | 3řadé • Triplex |                            |               |                            |               |                            |
|----------------------------|----|-----------------|---------------|----------------|----------------------------|-----------------|----------------------------|---------------|----------------------------|----------------------------|----|----------------|---------------|-----------------|----------------------------|---------------|----------------------------|---------------|----------------------------|
| Počet zubů<br>Teeth number | Z  | $d_e$<br>[mm]   | $d_p$<br>[mm] | $D_1$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm]   | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | Z  | $d_e$<br>[mm]  | $d_p$<br>[mm] | $D_1$<br>[mm]   | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 8  | 115,0           | 99,55         | 20             | 1,89                       | 25              | 5,55                       | 25            | 9,28                       | 43                         | 43 | 536,8          | 521,97        | 30              | 42,40                      | -             | -                          | -             | -                          |
| 9                          | 9  | 126,4           | 111,40        | 20             | 2,29                       | 25              | 6,77                       | 25            | 11,33                      | 44                         | 44 | 549,0          | 534,08        | 30              | 44,36                      | -             | -                          | -             | -                          |
| 10                         | 10 | 138,0           | 123,29        | 20             | 2,75                       | 25              | 8,12                       | 25            | 13,54                      | 45                         | 45 | 561,2          | 546,20        | 30              | 46,36                      | 40            | 138,21                     | 40            | 230,92                     |
| 11                         | 11 | 150,0           | 135,21        | 20             | 3,26                       | 25              | 9,64                       | 25            | 16,11                      | 46                         | 46 | 573,3          | 558,32        | 30              | 48,39                      | 40            | 144,26                     | 40            | 241,04                     |
| 12                         | 12 | 162,0           | 147,22        | 20             | 3,81                       | 25              | 11,30                      | 25            | 18,80                      | 47                         | 47 | 585,4          | 570,43        | 30              | 50,46                      | -             | -                          | -             | -                          |
| 13                         | 13 | 174,2           | 159,18        | 20             | 4,42                       | 25              | 13,10                      | 25            | 21,93                      | 48                         | 48 | 597,4          | 582,55        | 30              | 52,55                      | 40            | 156,70                     | 40            | 261,8                      |
| 14                         | 14 | 186,2           | 171,22        | 20             | 5,05                       | 25              | 15,01                      | 25            | 25,00                      | 49                         | 49 | 609,5          | 594,66        | 30              | 54,71                      | -             | -                          | -             | -                          |
| 15                         | 15 | 198,2           | 183,26        | 20             | 5,74                       | 25              | 17,05                      | 25            | 28,49                      | 50                         | 50 | 621,7          | 606,78        | 30              | 56,93                      | 40            | 169,77                     | 40            | 283,66                     |
| 16                         | 16 | 210,3           | 195,30        | 25             | 6,43                       | 25              | 19,23                      | 25            | 32,12                      | 51                         | 51 | 633,8          | 618,89        | 30              | 59,17                      | -             | -                          | -             | -                          |
| 17                         | 17 | 222,3           | 207,34        | 25             | 7,18                       | 25              | 21,46                      | 25            | 35,86                      | 52                         | 52 | 646,0          | 631,01        | 30              | 61,47                      | -             | -                          | -             | -                          |
| 18                         | 18 | 234,3           | 219,42        | 25             | 8,01                       | 25              | 23,93                      | 25            | 39,96                      | 53                         | 53 | 658,0          | 643,13        | 30              | 63,78                      | -             | -                          | -             | -                          |
| 19                         | 19 | 246,5           | 231,49        | 25             | 8,87                       | 25              | 26,52                      | 25            | 44,39                      | 54                         | 54 | 670,2          | 655,28        | 30              | 66,18                      | -             | -                          | -             | -                          |
| 20                         | 20 | 258,6           | 243,57        | 25             | 9,78                       | 25              | 29,22                      | 25            | 48,83                      | 55                         | 55 | 682,3          | 667,40        | 30              | 68,59                      | -             | -                          | -             | -                          |
| 21                         | 21 | 270,6           | 255,65        | 25             | 10,78                      | 25              | 32,02                      | 30            | 53,30                      | 56                         | 56 | 694,4          | 679,51        | 30              | 71,05                      | -             | -                          | -             | -                          |
| 22                         | 22 | 282,7           | 267,73        | 25             | 11,76                      | 25              | 34,97                      | 30            | 58,24                      | 57                         | 57 | 706,5          | 691,63        | 30              | 73,56                      | 40            | 219,45                     | 40            | 366,67                     |
| 23                         | 23 | 294,8           | 279,80        | 25             | 12,73                      | 25              | 38,05                      | 30            | 63,34                      | 58                         | 58 | 718,6          | 703,74        | 30              | 76,10                      | -             | -                          | -             | -                          |
| 24                         | 24 | 306,8           | 291,88        | 25             | 13,80                      | 25              | 41,24                      | 30            | 68,704                     | 59                         | 59 | 730,7          | 715,86        | 30              | 78,69                      | -             | -                          | -             | -                          |
| 25                         | 25 | 319,0           | 304,00        | 25             | 14,93                      | 25              | 44,60                      | 30            | 74,31                      | 60                         | 60 | 742,8          | 727,97        | 30              | 81,32                      | 40            | 242,66                     | 40            | 405,44                     |
| 26                         | 26 | 331,0           | 316,08        | 30             | 16,04                      | 30              | 47,92                      | 30            | 80,09                      | 62                         | 62 | 767,2          | 752,24        | 40              | 86,66                      | -             | -                          | -             | -                          |
| 27                         | 27 | 343,2           | 328,19        | 30             | 17,25                      | 30              | 51,55                      | 30            | 86,11                      | 64                         | 64 | 791,3          | 776,48        | 40              | 92,20                      | -             | -                          | -             | -                          |
| 28                         | 28 | 355,2           | 340,27        | 30             | 18,49                      | 30              | 55,52                      | 30            | 92,38                      | 65                         | 65 | 803,4          | 788,59        | 40              | 95,05                      | 40            | 283,98                     | 40            | 474,44                     |
| 29                         | 29 | 367,3           | 352,38        | 30             | 19,78                      | 30              | 59,10                      | 30            | 98,76                      | 66                         | 66 | 815,6          | 800,71        | 40              | 97,97                      | -             | -                          | -             | -                          |
| 30                         | 30 | 379,5           | 364,50        | 30             | 21,11                      | 30              | 63,12                      | 40            | 104,59                     | 68                         | 68 | 839,8          | 824,98        | 40              | 103,88                     | -             | -                          | -             | -                          |
| 31                         | 31 | 391,6           | 376,62        | 30             | 22,50                      | 30              | 67,24                      | -             | -                          | 70                         | 70 | 864,2          | 849,21        | 40              | 110,06                     | -             | -                          | -             | -                          |
| 32                         | 32 | 403,7           | 388,69        | 30             | 23,92                      | 30              | 71,48                      | 40            | 118,92                     | 72                         | 72 | 888,4          | 873,48        | 40              | 115,13                     | -             | -                          | -             | -                          |
| 33                         | 33 | 415,8           | 400,81        | 30             | 25,39                      | 30              | 75,86                      | 40            | 126,23                     | 75                         | 75 | 924,8          | 909,83        | 40              | 126,03                     | -             | -                          | -             | -                          |
| 34                         | 34 | 427,8           | 412,93        | 30             | 26,88                      | 30              | 80,32                      | 40            | 133,69                     | 76                         | 76 | 936,9          | 921,08        | 40              | 129,35                     | 40            | 386,46                     | 40            | 645,72                     |
| 35                         | 35 | 440,0           | 425,04        | 30             | 28,45                      | 30              | 84,99                      | 40            | 141,49                     | 80                         | 80 | 985,4          | 970,44        | 40              | 143,12                     | -             | -                          | -             | -                          |
| 36                         | 36 | 452,0           | 437,16        | 30             | 30,03                      | 30              | 89,71                      | 40            | 149,38                     | 85                         | 85 | 1046,0         | 1031,10       | 40              | 161,29                     | -             | -                          | -             | -                          |
| 37                         | 37 | 464,2           | 449,27        | 30             | 31,68                      | 30              | 94,64                      | -             | -                          | 95                         | 95 | 1167,3         | 1152,33       | 40              | 200,93                     | -             | -                          | -             | -                          |
| 38                         | 38 | 476,2           | 461,39        | 30             | 33,34                      | 30              | 99,62                      | 40            | 165,94                     | -                          | -  | -              | -             | -               | -                          | -             | -                          | -             | -                          |
| 39                         | 39 | 488,5           | 473,50        | 30             | 35,09                      | 30              | 104,88                     | -             | -                          | -                          | -  | -              | -             | -               | -                          | -             | -                          | -             | -                          |
| 40                         | 40 | 500,6           | 485,62        | 30             | 36,86                      | 30              | 110,13                     | 40            | 184,02                     | -                          | -  | -              | -             | -               | -                          | -             | -                          | -             | -                          |
| 41                         | 41 | 512,6           | 497,74        | 30             | 38,66                      | -               | -                          | -             | -                          | -                          | -  | -              | -             | -               | -                          | -             | -                          | -             | -                          |
| 42                         | 42 | 524,7           | 509,85        | 30             | 40,05                      | 40              | 120,72                     | 40            | 201,71                     | -                          | -  | -              | -             | -               | -                          | -             | -                          | -             | -                          |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

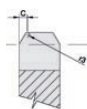
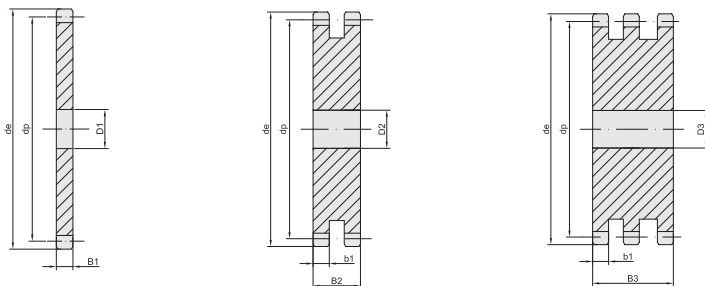


## Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



### 28B-1-2-3



| Řetěz • Chain                    |                |          |
|----------------------------------|----------------|----------|
| Rozteč • Pitch                   | P              | 44,45 mm |
| Vnitřní šířka • Inner width      | b <sub>1</sub> | 30,99 mm |
| Průměr válečku • Roller diameter | D              | 27,94 mm |

| Řetězové kolo • Sprocket             |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 44 mm   |
| Šířka zaoblení • Radius width        | C  | 5 mm    |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 29,4 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 28,8 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 88,4 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>   | 148 mm  |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

|                            |                        |                        |                        | 1řadé • Simplex            |                        | 2řadé • Duplex             |                        | 3řadé • Triplex            |                            |                        |                        |                        |                            | 1řadé • Simplex        |                            | 2řadé • Duplex         |                            | 3řadé • Triplex |  |
|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|-----------------|--|
| Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |                 |  |
| 8                          | 132,0                  | 116,15                 | 25                     | 3,02                       | 25                     | 9,09                       | 25                     | 15,23                      | 57                         | 825,0                  | 806,90                 | 40                     | 122,29                     | 40                     | 367,72                     | 40                     | 615,64                     |                 |  |
| 9                          | 148,4                  | 129,96                 | 25                     | 3,85                       | 25                     | 11,58                      | 25                     | 19,40                      | 60                         | 869,0                  | 849,32                 | 40                     | 135,72                     | 40                     | 408,08                     | 40                     | 683,22                     |                 |  |
| 10                         | 162,3                  | 143,85                 | 25                     | 4,63                       | 25                     | 13,92                      | 25                     | 23,31                      | 76                         | 1095,0                 | 1075,62                | 40                     | 215,66                     | 40                     | 648,46                     | 40                     | 1085,59                    |                 |  |
| 11                         | 176,3                  | 157,77                 | 25                     | 5,48                       | 25                     | 16,49                      | 30                     | 27,36                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 12                         | 189,5                  | 171,74                 | 25                     | 6,35                       | 25                     | 19,10                      | 30                     | 31,74                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 13                         | 204,2                  | 185,75                 | 25                     | 7,39                       | 25                     | 22,24                      | 30                     | 36,98                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 14                         | 218,2                  | 199,76                 | 25                     | 8,46                       | 25                     | 25,44                      | 30                     | 42,35                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 15                         | 232,3                  | 213,79                 | 25                     | 9,60                       | 25                     | 28,88                      | 30                     | 48,11                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 16                         | 246,3                  | 227,84                 | 30                     | 10,73                      | 25                     | 32,51                      | 30                     | 54,18                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 17                         | 260,0                  | 241,91                 | 30                     | 12,03                      | 30                     | 36,12                      | 30                     | 60,47                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 18                         | 274,0                  | 255,98                 | 30                     | 13,35                      | 30                     | 40,16                      | 30                     | 67,25                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 19                         | 289,0                  | 270,06                 | 30                     | 14,88                      | 30                     | 44,74                      | 30                     | 74,90                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 20                         | 303,0                  | 284,15                 | 30                     | 16,37                      | 30                     | 49,23                      | 30                     | 82,42                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 21                         | 317,0                  | 298,24                 | 30                     | 17,93                      | 30                     | 53,93                      | 30                     | 90,29                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 22                         | 331,0                  | 312,34                 | 30                     | 19,57                      | 30                     | 58,84                      | 30                     | 98,51                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 23                         | 345,0                  | 326,44                 | 30                     | 21,27                      | 30                     | 63,97                      | 30                     | 107,09                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 24                         | 359,0                  | 340,55                 | 30                     | 23,05                      | 30                     | 69,30                      | 30                     | 116,05                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 25                         | 373,0                  | 354,66                 | 30                     | 24,89                      | 30                     | 74,85                      | 40                     | 124,69                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 26                         | 387,0                  | 368,77                 | 30                     | 26,81                      | 30                     | 80,61                      | 40                     | 134,33                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 27                         | 401,4                  | 382,88                 | 30                     | 28,85                      | 30                     | 86,76                      | 40                     | 144,63                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 28                         | 416,0                  | 397,00                 | 30                     | 31,00                      | 30                     | 93,23                      | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 29                         | 430,0                  | 411,12                 | 30                     | 33,13                      | 30                     | 99,64                      | 40                     | 166,19                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 30                         | 444,0                  | 425,24                 | 30                     | 35,34                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 31                         | 458,0                  | 439,37                 | 30                     | 37,61                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 32                         | 472,0                  | 453,49                 | 30                     | 39,99                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 33                         | 486,0                  | 467,62                 | 30                     | 42,37                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 34                         | 500,0                  | 481,75                 | 30                     | 44,86                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 35                         | 514,0                  | 495,88                 | 30                     | 47,42                      | 30                     | 142,58                     | 40                     | 238,08                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 36                         | 529,0                  | 510,01                 | 30                     | 50,23                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 37                         | 543,0                  | 524,14                 | 30                     | 52,94                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 38                         | 557,0                  | 538,27                 | 30                     | 55,71                      | 30                     | 167,52                     | 40                     | 279,84                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 39                         | 571,0                  | 552,40                 | 30                     | 58,56                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 40                         | 585,0                  | 566,54                 | 30                     | 61,47                      | 30                     | 184,84                     | 40                     | 308,83                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |
| 45                         | 656,0                  | 637,22                 | 30                     | 77,34                      | 30                     | 232,56                     | 40                     | 388,71                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |                 |  |

• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

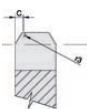
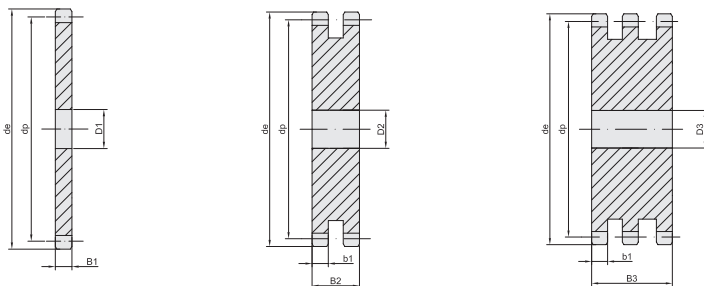


# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8187 ISO/R606  
Plate wheel for roller chain to DIN 8187 ISO/R606



**32B-1-2-3**



| Řetěz • Chain                    |                         |
|----------------------------------|-------------------------|
| Rozteč • Pitch                   | P 50,8 mm               |
| Vnitřní šířka • Inner width      | b <sub>1</sub> 30,99 mm |
| Průměr válečku • Roller diameter | D 29,21 mm              |

| Řetězové kolo • Sprocket             |  |         |
|--------------------------------------|--|---------|
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub>   | 51 mm   |
| Šířka zaoblení • Radius width        | C  | 5,1 mm  |
| Šířka zubu • Sprocket tooth width    | B <sub>1</sub>   | 29,4 mm |
| Šířka zubu • Sprocket tooth width    | b <sub>1</sub>   | 28,8 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>2</sub>   | 87,4 mm |
| Šířka zubů • Sprocket tooth width    | B <sub>3</sub>   | 146 mm  |
| Materiál • Raw material              | ocel • steel<br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |         |

| Počet zubů<br>Teeth number |                        | 1řadé • Simplex        |                        |                            |                        | 2řadé • Duplex             |                        |                            |    | 3řadé • Triplex        |                        |                        |                            |                        |                            |                        |                            |
|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|----|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| Z                          | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Z  | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 8                          | 153,2                  | 132,69                 | 25                     | 4,11                       | 25                     | 12,23                      | 25                     | 20,433                     | 76 | 1252,0                 | 1229,28                | 40                     | 282,03                     | 40                     | 838,41                     | 40                     | 1400,56                    |
| 9                          | 169,0                  | 148,54                 | 25                     | 5,03                       | 25                     | 14,95                      | 25                     | 24,986                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 10                         | 185,0                  | 164,44                 | 25                     | 6,05                       | 25                     | 17,99                      | 25                     | 30,052                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 11                         | 200,8                  | 180,34                 | 30                     | 7,09                       | 30                     | 21,10                      | 30                     | 35,258                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 12                         | 216,8                  | 196,29                 | 30                     | 8,30                       | 30                     | 24,68                      | 30                     | 41,234                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 13                         | 232,8                  | 212,29                 | 30                     | 9,59                       | 30                     | 28,53                      | 30                     | 47,668                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 14                         | 248,8                  | 228,29                 | 30                     | 10,96                      | 30                     | 32,66                      | 30                     | 54,560                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 15                         | 264,8                  | 244,30                 | 30                     | 12,46                      | 30                     | 37,06                      | 30                     | 61,910                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 16                         | 280,9                  | 260,40                 | 30                     | 14,04                      | 30                     | 41,76                      | 30                     | 69,768                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 17                         | 296,9                  | 276,40                 | 30                     | 15,71                      | 30                     | 46,71                      | 30                     | 78,037                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 18                         | 313,0                  | 292,55                 | 30                     | 17,48                      | 30                     | 51,97                      | 30                     | 86,819                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 19                         | 329,1                  | 308,66                 | 30                     | 19,34                      | 30                     | 57,50                      | 30                     | 96,065                     | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 20                         | 345,2                  | 324,71                 | 30                     | 21,30                      | 30                     | 63,32                      | 30                     | 105,775                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 21                         | 361,3                  | 340,82                 | 30                     | 23,34                      | 30                     | 69,41                      | 40                     | 115,323                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 22                         | 377,5                  | 356,98                 | 30                     | 25,50                      | 30                     | 75,81                      | 40                     | 126,028                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 23                         | 393,6                  | 373,08                 | 30                     | 27,74                      | 30                     | 82,46                      | 40                     | 137,132                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 24                         | 409,7                  | 389,18                 | 30                     | 30,00                      | 30                     | 89,39                      | 40                     | 148,699                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 25                         | 425,8                  | 405,33                 | 30                     | 32,49                      | 30                     | 96,593                     | 40                     | 160,730                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 26                         | 441,9                  | 421,44                 | 30                     | 35,00                      | 30                     | 104,07                     | 40                     | 173,225                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 27                         | 458,1                  | 437,59                 | 30                     | 37,63                      | 30                     | 111,87                     | 40                     | 186,266                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 28                         | 474,2                  | 453,69                 | 30                     | 40,33                      | 30                     | 119,91                     | 40                     | 199,691                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 29                         | 490,4                  | 469,90                 | 30                     | 43,15                      | 30                     | 128,28                     | 40                     | 213,667                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 30                         | 506,5                  | 486,00                 | 30                     | 46,04                      | 30                     | 136,87                     | 40                     | 228,023                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 32                         | 538,8                  | 518,28                 | 30                     | 52,12                      | -                      | -                          | -                      | -                          | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 35                         | 589,5                  | 566,72                 | 30                     | 62,42                      | 30                     | 185,58                     | 40                     | 309,386                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 38                         | 635,5                  | 615,14                 | 30                     | 72,57                      | -                      | -                          | -                      | -                          | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 40                         | 670,3                  | 647,49                 | 40                     | 80,63                      | 40                     | 239,70                     | 40                     | 400,429                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 45                         | 751,0                  | 728,26                 | 40                     | 101,22                     | 40                     | 301,12                     | 40                     | 503,017                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 50                         | 831,8                  | 809,04                 | 40                     | 124,36                     | 40                     | 369,59                     | 40                     | 617,404                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 57                         | 945,0                  | 922,17                 | 40                     | 160,52                     | 40                     | 477,28                     | 40                     | 797,300                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 60                         | 993,4                  | 970,63                 | 40                     | 177,49                     | 40                     | 527,52                     | 40                     | 881,213                    | -  | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |

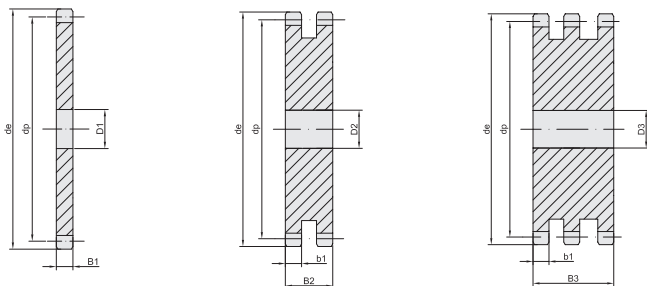
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



## Řetězové disky Plate wheels

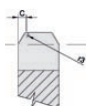
Řetězový disk pro válečkový řetěz dle DIN 8188 ISO/R606  
Plate wheel for roller chain to DIN 8188 ISO/R606



### 12A-1-2-3/ASA 60-1-2-3

#### Řetězové kolo • Sprocket

|                                      |   |          |
|--------------------------------------|---|----------|
| Poloměr zaoblení zubu • Tooth radius | $r_3$   | 20 mm    |
| Šířka zaoblení • Radius width        | C   | 2,4 mm   |
| Šířka zubu • Sprocket tooth width    | $B_1$   | 12,0 mm  |
| Šířka zubu • Sprocket tooth width    | $b_1$   | 11,8 mm  |
| Šířka zubů • Sprocket tooth width    | $B_2$   | 34,60 mm |
| Šířka zubů • Sprocket tooth width    | $B_3$   | 57,4 mm  |
| Materiál • Raw material              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |          |



#### Řetěz • Chain

|                                  |       |          |
|----------------------------------|-------|----------|
| Rozteč • Pitch                   | P     | 19,05 mm |
| Vnitřní šířka • Inner width      | $b_1$ | 12,7 mm  |
| Průměr válečku • Roller diameter | D     | 11,91 mm |

| Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex |               |               | 2řadé • Duplex             |               | 3řadé • Triplex            |               | Počet zubů<br>Teeth number<br>Z | 1řadé • Simplex            |               |               | 2řadé • Duplex |                            | 3řadé • Triplex |                            |               |
|---------------------------------|-----------------|---------------|---------------|----------------------------|---------------|----------------------------|---------------|---------------------------------|----------------------------|---------------|---------------|----------------|----------------------------|-----------------|----------------------------|---------------|
|                                 | $d_e$<br>[mm]   | $d_p$<br>[mm] | $D_1$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm] | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] |                                 | Hmotnost<br>Weight<br>[kg] | $d_e$<br>[mm] | $d_p$<br>[mm] | $D_1$<br>[mm]  | Hmotnost<br>Weight<br>[kg] | $D_2$<br>[mm]   | Hmotnost<br>Weight<br>[kg] | $D_3$<br>[mm] |
| 30                              | 192,14          | 182,25        | -             | -                          | -             | -                          | 20            | 12,84                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 32                              | 204,24          | 194,35        | -             | -                          | 20            | 8,75                       | -             | -                               | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 38                              | 240,58          | 230,69        | 20            | 4,22                       | 25            | 12,13                      | 25            | 20,13                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 40                              | 252,69          | 242,80        | 20            | 4,66                       | 25            | 13,40                      | -             | 22,45                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 45                              | 282,98          | 273,09        | 25            | 5,84                       | 25            | 16,84                      | 25            | 27,93                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 48                              | 301,16          | 291,27        | 25            | 6,64                       | -             | -                          | -             | -                               | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 57                              | 355,70          | 345,81        | 25            | 9,25                       | 25            | 26,66                      | 30            | 44,17                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 76                              | 470,87          | 460,98        | 30            | 16,23                      | 30            | 46,80                      | 30            | 77,64                           | -                          | -             | -             | -              | -                          | -               | -                          | -             |
| 95                              | 586,06          | 576,17        | -             | -                          | 30            | 120,77                     | -             | -                               | -                          | -             | -             | -              | -                          | -               | -                          | -             |

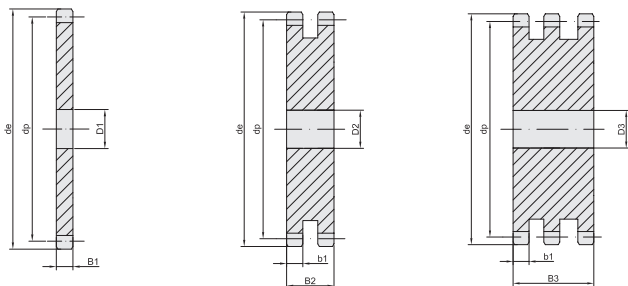
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

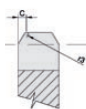


# Řetězové disky Plate wheels

Řetězový disk pro válečkový řetěz dle DIN 8188 ISO/R606  
Plate wheel for roller chain to DIN 8188 ISO/R606



## 16A-1-2-3/ASA 80-1-2-3



| Řetěz • Chain                           |                |          |
|---|----------------|----------|
| <b>Rozteč • Pitch</b>                   | P              | 19,05 mm |
| <b>Vnitřní šířka • Inner width</b>      | b <sub>1</sub> | 12,7 mm  |
| <b>Průměr válečku • Roller diameter</b> | D              | 11,91 mm |

| Řetězové kolo • Sprocket                    |   |          |
|---|---|----------|
| <b>Poloměr zaoblení zubu • Tooth radius</b> | r <sub>3</sub>  | 20 mm    |
| <b>Šířka zaoblení • Radius width</b>        | C   | 2,4 mm   |
| <b>Šířka zubu • Sprocket tooth width</b>    | B <sub>1</sub>  | 12,0 mm  |
| <b>Šířka zubu • Sprocket tooth width</b>    | b <sub>1</sub>  | 11,8 mm  |
| <b>Šířka zubů • Sprocket tooth width</b>    | B <sub>2</sub>  | 34,60 mm |
| <b>Šířka zubů • Sprocket tooth width</b>    | B <sub>3</sub>  | 57,4 mm  |
| <b>Materiál • Raw material</b>              | <b>ocel • steel</b><br>C40/C45 nerez / stainless<br>C40/C45 kalena / hardened |          |

| 1řadé • Simplex            |                        |                        |                        |                            | 2řadé • Duplex         |                            |                        |                            | 3řadé • Triplex            |                        |                        |                        |                            |                        |                            |                        |                            |
|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>2</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | D <sub>3</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
| 10                         | 95,32                  | 82,19                  | 15                     | 0,81                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 11                         | 103,28                 | 90,14                  | 15                     | 0,95                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 12                         | 111,26                 | 98,14                  | 15                     | 1,11                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 13                         | 119,26                 | 106,12                 | 15                     | 1,28                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 14                         | 127,27                 | 114,15                 | 15                     | 1,46                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 15                         | 135,29                 | 122,17                 | 15                     | 1,66                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 16                         | 143,32                 | 130,20                 | 19                     | 1,85                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 17                         | 151,35                 | 138,22                 | 19                     | 2,07                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 18                         | 159,39                 | 146,28                 | 19                     | 2,30                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 19                         | 167,44                 | 154,33                 | 19                     | 2,54                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 20                         | 175,49                 | 162,38                 | 19                     | 2,79                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 21                         | 183,54                 | 170,43                 | 20                     | 3,05                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 22                         | 191,60                 | 178,48                 | 20                     | 3,33                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 23                         | 199,66                 | 186,53                 | 20                     | 3,62                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 24                         | 207,72                 | 194,59                 | 20                     | 3,92                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 25                         | 215,78                 | 202,66                 | 20                     | 4,24                       | 25                     | 12,38                      | 30                     | 20,50                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 26                         | 223,84                 | 210,72                 | 20                     | 4,56                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 27                         | 231,91                 | 218,79                 | 20                     | 4,90                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 28                         | 239,98                 | 226,85                 | 20                     | 5,24                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 30                         | 256,12                 | 243,00                 | 20                     | 5,99                       | 25                     | 17,51                      | 30                     | 29,05                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 32                         | 272,26                 | 259,13                 | 25                     | 6,76                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 35                         | 296,48                 | 283,36                 | 25                     | 8,01                       | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 38                         | 320,70                 | 307,59                 | 25                     | 9,39                       | 25                     | 27,55                      | 30                     | 45,77                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 45                         | 377,24                 | 364,12                 | 25                     | 13,09                      | 25                     | 38,19                      | 30                     | 63,49                      | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 50                         | 417,64                 | 404,52                 | 25                     | 15,97                      | -                      | -                          | -                      | -                          | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 57                         | 474,20                 | 461,08                 | 25                     | 20,60                      | 25                     | 60,44                      | 40                     | 100,25                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |
| 76                         | 627,80                 | 614,64                 | 25                     | 36,16                      | 25                     | 106,09                     | 40                     | 176,22                     | -                          | -                      | -                      | -                      | -                          | -                      | -                          | -                      | -                          |

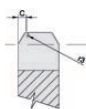
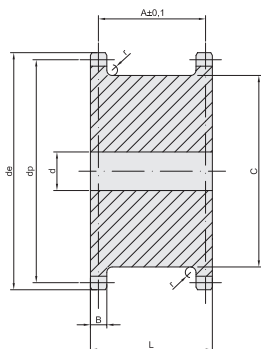
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• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

## Řetězové disky pro jednořadé řetězy

### Plate wheels for two simple chains

Řetězový disk pro dva jednořadé řetězy dle DIN 8187 ISO/R606  
Plate wheel for two simple chains to DIN 8187 ISO/R606



### 06B-1 až 16B-1

| Řetěz • Chain                        |                | 06B-1                            | 08B-1   | 10B-1     | 12B-1    | 16B-1    |
|--------------------------------------|----------------|----------------------------------|---------|-----------|----------|----------|
| Rozteč • Pitch                       | P              | 9,525 mm                         | 12,7 mm | 15,875 mm | 19,05 mm | 25,4 mm  |
| Vnitřní šířka • Inner width          | b <sub>1</sub> | 5,72 mm                          | 7,75 mm | 9,65 mm   | 11,68 mm | 17,02 mm |
| Průměr válečku • Roller diameter     | D              | 6,35 mm                          | 8,51 mm | 10,16 mm  | 12,07 mm | 15,88 mm |
| Řetězové kolo • Sprocket             |                | 06B-1                            | 08B-1   | 10B-1     | 12B-1    | 16B-1    |
| Poloměr zaoblení zubu • Tooth radius | r <sub>3</sub> | 10 mm                            | 13 mm   | 16 mm     | 19 mm    | 26 mm    |
| Šířka zaoblení • Radius width        | C              | 1 mm                             | 1,3 mm  | 1,6 mm    | 2 mm     | 2,5 mm   |
| Materiál • Raw material              |                | ocel • steel<br>C40/C45 / St52-3 |         |           |          |          |

| Typ řetězu<br>Chain type           | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | L<br>[mm] | r<br>[mm] | Hmotnost<br>Hmotnost<br>[kg] |
|------------------------------------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------------|
| 3/8" x 7/32"<br>R. 6.35<br>06 B-1  | 13                              | 43,54                  | 39,80                  | 10        | 20,3      | 5,3       | 28        | 25,5      | 0,4       | 0,23                         |
|                                    | 15                              | 49,46                  | 45,81                  | 10        | 20,3      | 5,3       | 34        | 25,5      | 0,4       | 0,31                         |
|                                    | 17                              | 55,49                  | 51,84                  | 12        | 20,3      | 5,3       | 40        | 25,5      | 0,4       | 0,39                         |
|                                    | 18                              | 58,30                  | 54,85                  | 12        | 20,3      | 5,3       | 43        | 25,5      | 0,4       | 0,46                         |
|                                    | 19                              | 61,52                  | 57,87                  | 12        | 20,3      | 5,3       | 46        | 25,5      | 0,4       | 0,50                         |
|                                    | 20                              | 64,30                  | 60,89                  | 12        | 20,3      | 5,3       | 49        | 25,5      | 0,4       | 0,56                         |
|                                    | 21                              | 67,56                  | 63,91                  | 15        | 20,3      | 5,3       | 52        | 25,5      | 0,4       | 0,60                         |
| 1/2" x 5/16"<br>R. 8.51<br>08 B-1  | 23                              | 73,60                  | 69,95                  | 15        | 20,3      | 5,3       | 59        | 25,5      | 0,4       | 0,74                         |
|                                    | 25                              | 79,65                  | 76,00                  | 15        | 20,3      | 5,3       | 65        | 25,5      | 0,4       | 0,86                         |
|                                    | 13                              | 57,56                  | 53,07                  | 12        | 24,8      | 7,2       | 37        | 32        | 0,6       | 0,41                         |
|                                    | 15                              | 65,57                  | 61,08                  | 12        | 24,8      | 7,2       | 45        | 32        | 0,6       | 0,56                         |
|                                    | 17                              | 73,61                  | 69,12                  | 12        | 24,8      | 7,2       | 53        | 32        | 0,6       | 0,72                         |
|                                    | 18                              | 78,00                  | 73,14                  | 12        | 24,8      | 7,2       | 57        | 32        | 0,6       | 0,81                         |
|                                    | 19                              | 81,65                  | 77,16                  | 12        | 24,8      | 7,2       | 62        | 32        | 0,6       | 0,90                         |
| 5/8" x 3/8"<br>R. 10.16<br>10 B-1  | 20                              | 86,00                  | 81,19                  | 12        | 24,8      | 7,2       | 65        | 32        | 0,6       | 1,00                         |
|                                    | 21                              | 89,70                  | 85,21                  | 15        | 24,8      | 7,2       | 70        | 32        | 0,6       | 1,11                         |
|                                    | 23                              | 97,76                  | 93,27                  | 15        | 24,8      | 7,2       | 78        | 32        | 0,6       | 1,22                         |
|                                    | 25                              | 105,82                 | 101,33                 | 15        | 24,8      | 7,2       | 86        | 32        | 0,6       | 1,33                         |
|                                    | 13                              | 73,17                  | 66,33                  | 15        | 27,9      | 9,1       | 48        | 37        | 0,6       | 0,94                         |
|                                    | 15                              | 83,19                  | 76,35                  | 15        | 27,9      | 9,1       | 58        | 37        | 0,6       | 1,27                         |
|                                    | 17                              | 93,23                  | 86,39                  | 15        | 27,9      | 9,1       | 68        | 37        | 0,6       | 1,64                         |
| 3/4" x 7/16"<br>R. 12.07<br>12 B-1 | 18                              | 98,30                  | 91,42                  | 15        | 27,9      | 9,1       | 72        | 37        | 0,6       | 1,84                         |
|                                    | 19                              | 103,29                 | 96,45                  | 15        | 27,9      | 9,1       | 79        | 37        | 0,6       | 2,05                         |
|                                    | 20                              | 108,40                 | 101,49                 | 19        | 27,9      | 9,1       | 82        | 37        | 0,6       | 2,28                         |
|                                    | 21                              | 113,25                 | 106,51                 | 19        | 27,9      | 9,1       | 89        | 37        | 0,6       | 2,85                         |
|                                    | 23                              | 123,43                 | 116,59                 | 19        | 27,9      | 9,1       | 99        | 37        | 0,6       | 3,37                         |
|                                    | 25                              | 133,50                 | 126,66                 | 19        | 27,9      | 9,1       | 109       | 37        | 0,6       | 3,95                         |
|                                    | 13                              | 87,13                  | 76,90                  | 20        | 33,9      | 11,1      | 59        | 45        | 0,6       | 1,53                         |
| 1" x 17,02<br>R. 15.88<br>16 B-1   | 15                              | 99,16                  | 91,63                  | 20        | 33,9      | 11,1      | 71        | 45        | 0,6       | 2,61                         |
|                                    | 17                              | 111,20                 | 103,67                 | 20        | 33,9      | 11,1      | 83        | 45        | 0,6       | 2,85                         |
|                                    | 18                              | 118,00                 | 109,71                 | 20        | 33,9      | 11,1      | 88        | 45        | 0,6       | 3,16                         |
|                                    | 19                              | 123,27                 | 115,74                 | 20        | 33,9      | 11,1      | 95        | 45        | 0,6       | 3,58                         |
|                                    | 20                              | 129,70                 | 121,78                 | 20        | 33,9      | 11,1      | 101       | 45        | 0,6       | 3,97                         |
|                                    | 21                              | 135,35                 | 127,82                 | 20        | 33,9      | 11,1      | 107       | 45        | 0,6       | 4,33                         |
|                                    | 23                              | 147,43                 | 139,90                 | 20        | 33,9      | 11,1      | 119       | 45        | 0,6       | 5,28                         |
| 13                                 | 159,52                          | 151,99                 | 24                     | 33,9      | 11,1      | 131       | 45        | 0,6       | 6,20      |                              |
|                                    | 15                              | 117,26                 | 106,14                 | 24        | 47,8      | 16,2      | 78        | 64        | 0,8       | 4,19                         |
|                                    | 17                              | 129,35                 | 118,23                 | 24        | 47,8      | 16,2      | 86        | 64        | 0,8       | 4,76                         |
|                                    | 18                              | 133,29                 | 122,17                 | 24        | 47,8      | 16,2      | 95        | 64        | 0,8       | 5,60                         |
|                                    | 19                              | 149,35                 | 138,23                 | 24        | 47,8      | 16,2      | 111       | 64        | 0,8       | 7,26                         |
|                                    | 20                              | 157,00                 | 146,28                 | 24        | 47,8      | 16,2      | 119       | 64        | 0,8       | 8,16                         |
|                                    | 21                              | 165,44                 | 154,32                 | 24        | 47,8      | 16,2      | 127       | 64        | 0,8       | 9,11                         |
| 23                                 | 173,00                          | 162,38                 | 24                     | 47,8      | 16,2      | 135       | 64        | 0,8       | 10,11     |                              |
| 25                                 | 181,54                          | 170,42                 | 24                     | 47,8      | 16,2      | 143       | 64        | 0,8       | 11,16     |                              |
| 23                                 | 197,66                          | 186,54                 | 24                     | 47,8      | 16,2      | 160       | 64        | 0,8       | 13,41     |                              |
| 25                                 | 213,78                          | 202,66                 | 24                     | 47,8      | 16,2      | 176       | 64        | 0,8       | 17,69     |                              |

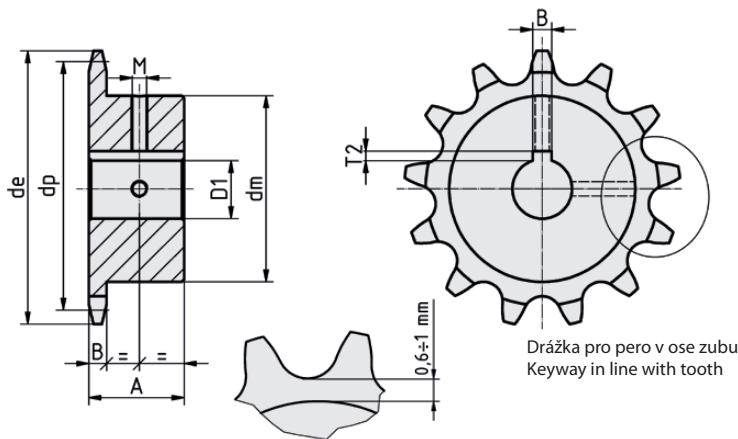
• Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

• Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



# Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Řetězové kolo přesné s indukčně kalenými zuby pro válečkový řetěz dle DIN 8187 ISO/R606  
Finished sprocket with hardened teeth for roller chain to DIN 8187 ISO/R606



Indukčně kalené zuby HRC 45+53  
Induction hardened teeth HRC 45+53

Drážka pro pero v ose zuby  
Keyway in line with tooth

**06B-1**

| Řetěz • Chain                     |   |          |
|-----------------------------------|---|----------|
| Rozteč • Pitch                    | P   | 9,525 mm |
| Vnitřní šířka • Inner width       | b <sub>1</sub>                            | 5,72 mm  |
| Průměr válečku • Roller diameter  | D   | 6,35 mm  |
| Řetězové kolo • Sprocket          |   |          |
| Šířka zubů • Sprocket tooth width | B <sub>1</sub>                            | 5,3 mm   |
| Materiál • Raw material           | ocel • steel<br>C40/C45 kalena / hardened |          |

| Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|
| 13                              | 43,5                   | 39,8                   | 28                     | 25        | 12                     | 0,12                       | 18                              | 58,3                   | 54,85                  | 43                     | 28        | 14                     | 0,33                       | 23                              | 73,7                   | 69,85                  | 52                     | 28        | 15                     | 0,51                       |
|                                 |                        |                        |                        |           | 14                     | 0,11                       |                                 |                        |                        |                        |           | 15                     | 0,32                       |                                 |                        |                        |                        |           | 16                     | 0,50                       |
|                                 |                        |                        |                        |           | 15                     | 0,11                       |                                 |                        |                        |                        |           | 16                     | 0,31                       |                                 |                        |                        |                        |           | 18                     | 0,49                       |
|                                 |                        |                        |                        |           | 16                     | 0,10                       |                                 |                        |                        |                        |           | 18                     | 0,30                       |                                 |                        |                        |                        |           | 19                     | 0,48                       |
|                                 |                        |                        |                        |           | 18                     | 0,09                       |                                 |                        |                        |                        |           | 19                     | 0,29                       |                                 |                        |                        |                        |           | 20                     | 0,47                       |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 20                     | 0,28                       |                                 |                        |                        |                        |           | 22                     | 0,46                       |
| 14                              | 46,5                   | 42,8                   | 31                     | 25        | 12                     | 0,15                       |                                 |                        |                        |                        |           | 22                     | 0,27                       |                                 |                        |                        |                        | 24        | 0,45                   |                            |
|                                 |                        |                        |                        |           | 14                     | 0,14                       |                                 |                        |                        |                        |           | 24                     | 0,26                       |                                 |                        |                        |                        | 25        | 0,44                   |                            |
|                                 |                        |                        |                        |           | 15                     | 0,13                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |
|                                 |                        |                        |                        |           | 16                     | 0,12                       | 19                              | 61,6                   | 57,87                  | 45                     | 28        | 15                     | 0,36                       |                                 | 76,7                   | 72,97                  | 54                     | 28        | 18                     | 0,54                       |
|                                 |                        |                        |                        |           | 18                     | 0,10                       |                                 |                        |                        |                        |           | 16                     | 0,35                       |                                 |                        |                        |                        |           | 19                     | 0,53                       |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 18                     | 0,34                       |                                 |                        |                        |                        |           | 20                     | 0,52                       |
| 15                              | 49,5                   | 45,81                  | 34                     | 25        | 14                     | 0,17                       |                                 |                        |                        |                        |           | 19                     | 0,33                       |                                 |                        |                        |                        |           | 22                     | 0,51                       |
|                                 |                        |                        |                        |           | 15                     | 0,17                       |                                 |                        |                        |                        |           | 20                     | 0,32                       |                                 |                        |                        |                        |           | 24                     | 0,50                       |
|                                 |                        |                        |                        |           | 16                     | 0,16                       |                                 |                        |                        |                        |           | 22                     | 0,31                       |                                 |                        |                        |                        |           | 25                     | 0,49                       |
|                                 |                        |                        |                        |           | 18                     | 0,15                       |                                 |                        |                        |                        |           | 24                     | 0,30                       |                                 |                        |                        |                        |           | 28                     | 0,48                       |
|                                 |                        |                        |                        |           | 19                     | 0,14                       |                                 |                        |                        |                        |           | 25                     | 0,29                       |                                 |                        |                        |                        |           | 30                     | 0,47                       |
|                                 |                        |                        |                        |           | 20                     | 0,13                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |
|                                 |                        |                        |                        |           | 22                     | 0,12                       | 21                              | 67,6                   | 63,91                  | 48                     | 28        | 15                     | 0,43                       | 25                              | 79,7                   | 76                     | 57                     | 28        | 18                     | 0,60                       |
|                                 |                        |                        |                        |           | 24                     | 0,11                       |                                 |                        |                        |                        |           | 16                     | 0,42                       |                                 |                        |                        |                        |           | 20                     | 0,59                       |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 18                     | 0,41                       |                                 |                        |                        |                        |           | 22                     | 0,58                       |
| 16                              | 52,3                   | 48,82                  | 37                     | 28        | 14                     | 0,24                       |                                 |                        |                        |                        |           | 19                     | 0,40                       |                                 |                        |                        |                        |           | 24                     | 0,57                       |
|                                 |                        |                        |                        |           | 15                     | 0,24                       |                                 |                        |                        |                        |           | 20                     | 0,39                       |                                 |                        |                        |                        |           | 25                     | 0,56                       |
|                                 |                        |                        |                        |           | 16                     | 0,23                       |                                 |                        |                        |                        |           | 22                     | 0,38                       |                                 |                        |                        |                        |           | 28                     | 0,55                       |
|                                 |                        |                        |                        |           | 18                     | 0,22                       |                                 |                        |                        |                        |           | 24                     | 0,37                       |                                 |                        |                        |                        |           | 30                     | 0,54                       |
|                                 |                        |                        |                        |           | 19                     | 0,21                       |                                 |                        |                        |                        |           | 25                     | 0,36                       |                                 |                        |                        |                        |           |                        |                            |
|                                 |                        |                        |                        |           | 20                     | 0,20                       |                                 |                        |                        |                        |           |                        |                            | 27                              | 85,7                   | 82,05                  | 60                     | 28        | 20                     | 0,67                       |
|                                 |                        |                        |                        |           | 22                     | 0,19                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 22                     | 0,65                       |
|                                 |                        |                        |                        |           | 24                     | 0,18                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 24                     | 0,63                       |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 25                     | 0,62                       |
| 17                              | 55,5                   | 51,83                  | 40                     | 28        | 14                     | 0,28                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 28                     | 0,60                       |
|                                 |                        |                        |                        |           | 15                     | 0,28                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 30                     | 0,58                       |
|                                 |                        |                        |                        |           | 16                     | 0,27                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |
|                                 |                        |                        |                        |           | 18                     | 0,26                       |                                 |                        |                        |                        |           |                        |                            | 30                              | 94,8                   | 91,12                  | 60                     | 30        | 20                     | 0,76                       |
|                                 |                        |                        |                        |           | 19                     | 0,25                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 22                     | 0,74                       |
|                                 |                        |                        |                        |           | 20                     | 0,24                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 24                     | 0,72                       |
|                                 |                        |                        |                        |           | 22                     | 0,23                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 25                     | 0,71                       |
|                                 |                        |                        |                        |           | 24                     | 0,22                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 28                     | 0,68                       |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 30                     | 0,66                       |

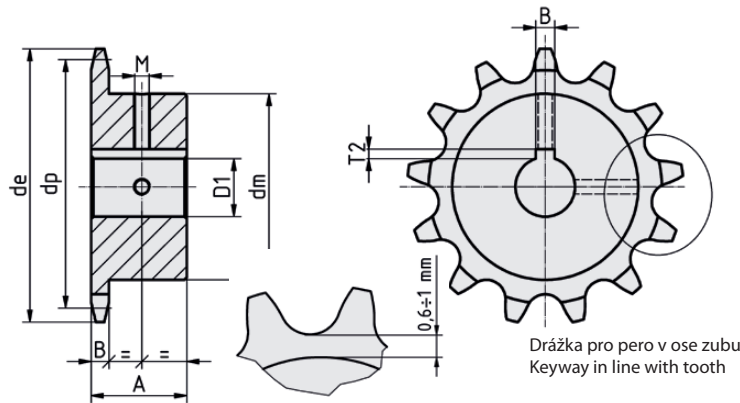
- Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) jsou uvedeny na straně 33.
- Řetězová kola mají indukčně kalené zuby, zhotovený otvor včetně drážky pro pero a dva otvory pro stavěcí šrouby v poloze nad drážkou pro pero a pod úhlem 90°, což umožňuje rychlou montáž bez nutnosti dalšího opracování.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.
- Keyway dimensions (B, T2) and setscrews dimensions (M) are stated on page 33.
- Sprockets are with induction hardened teeth, finished bore including keyway and 2 setscrew holes in position above keyway and under 90° angle. This sprocket version enables sprocket assembly without any other finishing.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

# Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Řetězové kolo přesné s indukčně kalenými zuby pro válečkový řetěz dle DIN 8187 ISO/R606  
Finished sprocket with hardened teeth for roller chain to DIN 8187 ISO/R606



**08B-1**



Indukčně kalené zuby HRC 45÷53  
Induction hardened teeth HRC 45÷53

|  |  |         |
|--|--|---------|
| <b>Řetěz - Chain</b>                     |  |         |
| <b>Rozteč - Pitch</b>                    | P  | 12,7 mm |
| <b>Vnitřní šířka - Inner width</b>       | b <sub>1</sub>                                   | 7,75 mm |
| <b>Průměr válečku - Roller diameter</b>  | D  | 8,51 mm |
| <b>Řetězové kolo - Sprocket</b>          |  |         |
| <b>Šířka zubů - Sprocket tooth width</b> | B <sub>1</sub>                                   | 7,2 mm  |
| <b>Materiál - Raw material</b>           | <b>ocel - steel</b><br>C40/C45 kalena / hardened |         |

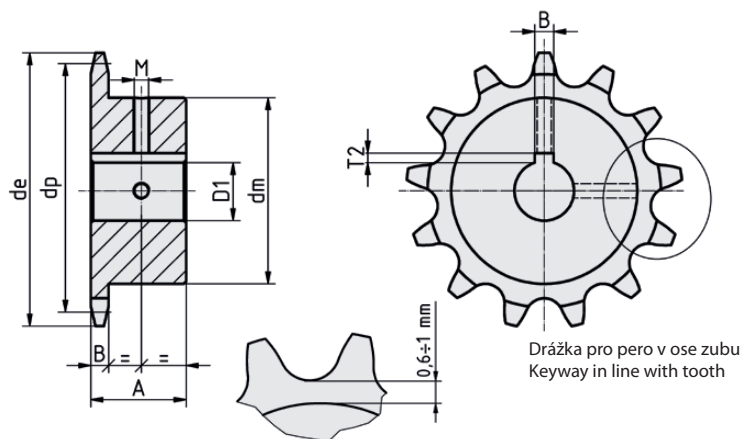
| Počet zubů<br>Teeth number | Z  | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | Z  | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number | Z  | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |
|----------------------------|----|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|----------------------------|----|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|----------------------------|----|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|
| 12                         | 12 | 53,9                   | 49,07                  | 33                     | 28        | 12                     | 0,24                       | 17                         | 17 | 74                     | 69,11                  | 52                     | 28        | 15                     | 0,54                       | 23                         | 23 | 98,1                   | 93,27                  | 70                     | 28        | 20                     | 0,98                       |
|                            |    |                        |                        |                        |           | 14                     | 0,22                       |                            |    |                        |                        |                        |           | 16                     | 0,53                       |                            |    |                        |                        |                        |           | 22                     | 0,96                       |
|                            |    |                        |                        |                        |           | 15                     | 0,21                       |                            |    |                        |                        |                        |           | 18                     | 0,51                       |                            |    |                        |                        |                        |           | 24                     | 0,94                       |
|                            |    |                        |                        |                        |           | 16                     | 0,20                       |                            |    |                        |                        |                        |           | 19                     | 0,50                       |                            |    |                        |                        |                        |           | 25                     | 0,93                       |
|                            |    |                        |                        |                        |           | 18                     | 0,18                       |                            |    |                        |                        |                        |           | 20                     | 0,49                       |                            |    |                        |                        |                        |           | 28                     | 0,90                       |
|                            |    |                        |                        |                        |           | 19                     | 0,17                       |                            |    |                        |                        |                        |           | 22                     | 0,47                       |                            |    |                        |                        |                        |           | 30                     | 0,88                       |
|                            |    |                        |                        |                        |           | 20                     | 0,16                       |                            |    |                        |                        |                        |           | 24                     | 0,45                       |                            |    |                        |                        |                        |           | 32                     | 0,86                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 25                     | 0,44                       |                            |    |                        |                        |                        |           | 35                     | 0,83                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 28                     | 0,41                       |                            |    |                        |                        |                        |           | 38                     | 0,80                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |
| 13                         | 13 | 57,9                   | 53,06                  | 37                     | 28        | 12                     | 0,29                       | 18                         | 18 | 77,8                   | 73,14                  | 56                     | 28        | 16                     | 0,62                       | 24                         | 24 | 102,1                  | 97,29                  | 70                     | 28        | 20                     | 1,01                       |
|                            |    |                        |                        |                        |           | 14                     | 0,27                       |                            |    |                        |                        |                        |           | 18                     | 0,61                       |                            |    |                        |                        |                        |           | 22                     | 1,00                       |
|                            |    |                        |                        |                        |           | 15                     | 0,26                       |                            |    |                        |                        |                        |           | 19                     | 0,60                       |                            |    |                        |                        |                        |           | 24                     | 0,98                       |
|                            |    |                        |                        |                        |           | 16                     | 0,25                       |                            |    |                        |                        |                        |           | 20                     | 0,59                       |                            |    |                        |                        |                        |           | 25                     | 0,97                       |
|                            |    |                        |                        |                        |           | 18                     | 0,23                       |                            |    |                        |                        |                        |           | 22                     | 0,57                       |                            |    |                        |                        |                        |           | 28                     | 0,94                       |
|                            |    |                        |                        |                        |           | 19                     | 0,22                       |                            |    |                        |                        |                        |           | 24                     | 0,55                       |                            |    |                        |                        |                        |           | 30                     | 0,92                       |
|                            |    |                        |                        |                        |           | 20                     | 0,21                       |                            |    |                        |                        |                        |           | 25                     | 0,54                       |                            |    |                        |                        |                        |           | 32                     | 0,90                       |
|                            |    |                        |                        |                        |           | 22                     | 0,19                       |                            |    |                        |                        |                        |           | 28                     | 0,51                       |                            |    |                        |                        |                        |           | 35                     | 0,87                       |
|                            |    |                        |                        |                        |           | 24                     | 0,17                       |                            |    |                        |                        |                        |           | 30                     | 0,49                       |                            |    |                        |                        |                        |           | 38                     | 0,85                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |
| 14                         | 14 | 61,6                   | 57,07                  | 41                     | 28        | 14                     | 0,34                       | 19                         | 19 | 82                     | 77,16                  | 60                     | 28        | 19                     | 0,69                       | 25                         | 25 | 105,8                  | 101,33                 | 70                     | 28        | 20                     | 1,04                       |
|                            |    |                        |                        |                        |           | 15                     | 0,33                       |                            |    |                        |                        |                        |           | 20                     | 0,68                       |                            |    |                        |                        |                        |           | 22                     | 1,02                       |
|                            |    |                        |                        |                        |           | 16                     | 0,32                       |                            |    |                        |                        |                        |           | 22                     | 0,66                       |                            |    |                        |                        |                        |           | 24                     | 1,00                       |
|                            |    |                        |                        |                        |           | 18                     | 0,30                       |                            |    |                        |                        |                        |           | 24                     | 0,64                       |                            |    |                        |                        |                        |           | 25                     | 0,99                       |
|                            |    |                        |                        |                        |           | 19                     | 0,29                       |                            |    |                        |                        |                        |           | 25                     | 0,63                       |                            |    |                        |                        |                        |           | 28                     | 0,96                       |
|                            |    |                        |                        |                        |           | 20                     | 0,28                       |                            |    |                        |                        |                        |           | 28                     | 0,60                       |                            |    |                        |                        |                        |           | 30                     | 0,94                       |
|                            |    |                        |                        |                        |           | 22                     | 0,26                       |                            |    |                        |                        |                        |           | 30                     | 0,59                       |                            |    |                        |                        |                        |           | 32                     | 0,92                       |
|                            |    |                        |                        |                        |           | 24                     | 0,24                       |                            |    |                        |                        |                        |           | 32                     | 0,57                       |                            |    |                        |                        |                        |           | 35                     | 0,89                       |
|                            |    |                        |                        |                        |           | 25                     | 0,23                       |                            |    |                        |                        |                        |           | 35                     | 0,45                       |                            |    |                        |                        |                        |           | 38                     | 0,86                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |
| 15                         | 15 | 65,9                   | 61,09                  | 45                     | 28        | 14                     | 0,41                       | 20                         | 20 | 85,8                   | 81,19                  | 64                     | 28        | 19                     | 0,78                       | 27                         | 27 | 85,7                   | 82,05                  | 60                     | 28        | 20                     | 0,71                       |
|                            |    |                        |                        |                        |           | 15                     | 0,40                       |                            |    |                        |                        |                        |           | 20                     | 0,77                       |                            |    |                        |                        |                        |           | 22                     | 0,69                       |
|                            |    |                        |                        |                        |           | 16                     | 0,39                       |                            |    |                        |                        |                        |           | 22                     | 0,75                       |                            |    |                        |                        |                        |           | 24                     | 0,67                       |
|                            |    |                        |                        |                        |           | 18                     | 0,37                       |                            |    |                        |                        |                        |           | 24                     | 0,73                       |                            |    |                        |                        |                        |           | 25                     | 0,66                       |
|                            |    |                        |                        |                        |           | 19                     | 0,36                       |                            |    |                        |                        |                        |           | 25                     | 0,72                       |                            |    |                        |                        |                        |           | 28                     | 0,63                       |
|                            |    |                        |                        |                        |           | 20                     | 0,35                       |                            |    |                        |                        |                        |           | 28                     | 0,70                       |                            |    |                        |                        |                        |           | 30                     | 0,61                       |
|                            |    |                        |                        |                        |           | 22                     | 0,33                       |                            |    |                        |                        |                        |           | 30                     | 0,68                       |                            |    |                        |                        |                        |           |                        |                            |
|                            |    |                        |                        |                        |           | 24                     | 0,31                       |                            |    |                        |                        |                        |           | 32                     | 0,66                       |                            |    |                        |                        |                        |           | 20                     | 0,71                       |
|                            |    |                        |                        |                        |           | 25                     | 0,30                       |                            |    |                        |                        |                        |           | 35                     | 0,55                       |                            |    |                        |                        |                        |           | 22                     | 0,69                       |
|                            |    |                        |                        |                        |           | 28                     | 0,28                       |                            |    |                        |                        |                        |           | 38                     | 0,45                       |                            |    |                        |                        |                        |           | 24                     | 0,67                       |
|                            |    |                        |                        |                        |           | 30                     | 0,26                       |                            |    |                        |                        |                        |           | 40                     | 0,40                       |                            |    |                        |                        |                        |           | 25                     | 0,66                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 28                     | 0,63                       |
| 16                         | 16 | 69,5                   | 65,1                   | 50                     | 28        | 15                     | 0,49                       | 21                         | 21 | 90,1                   | 85,22                  | 68                     | 28        | 19                     | 0,88                       | 30                         | 30 | 94,8                   | 91,12                  | 60                     | 30        | 20                     | 0,82                       |
|                            |    |                        |                        |                        |           | 16                     | 0,48                       |                            |    |                        |                        |                        |           | 20                     | 0,87                       |                            |    |                        |                        |                        |           | 22                     | 0,80                       |
|                            |    |                        |                        |                        |           | 18                     | 0,46                       |                            |    |                        |                        |                        |           | 22                     | 0,85                       |                            |    |                        |                        |                        |           | 24                     | 0,78                       |
|                            |    |                        |                        |                        |           | 19                     | 0,45                       |                            |    |                        |                        |                        |           | 24                     | 0,83                       |                            |    |                        |                        |                        |           | 25                     | 0,77                       |
|                            |    |                        |                        |                        |           | 20                     | 0,44                       |                            |    |                        |                        |                        |           | 25                     | 0,82                       |                            |    |                        |                        |                        |           | 28                     | 0,74                       |
|                            |    |                        |                        |                        |           | 22                     | 0,42                       |                            |    |                        |                        |                        |           | 28                     | 0,79                       |                            |    |                        |                        |                        |           | 30                     | 0,72                       |
|                            |    |                        |                        |                        |           | 24                     | 0,40                       |                            |    |                        |                        |                        |           | 30                     | 0,77                       |                            |    |                        |                        |                        |           |                        |                            |
|                            |    |                        |                        |                        |           | 25                     | 0,39                       |                            |    |                        |                        |                        |           | 32                     | 0,75                       |                            |    |                        |                        |                        |           | 20                     | 0,82                       |
|                            |    |                        |                        |                        |           | 28                     | 0,36                       |                            |    |                        |                        |                        |           | 35                     | 0,63                       |                            |    |                        |                        |                        |           | 22                     | 0,80                       |
|                            |    |                        |                        |                        |           | 30                     | 0,34                       |                            |    |                        |                        |                        |           | 40                     | 0,40                       |                            |    |                        |                        |                        |           | 24                     | 0,78                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 25                     | 0,77                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 28                     | 0,74                       |
|                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           |                        |                            |                            |    |                        |                        |                        |           | 30                     | 0,72                       |

- Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) jsou uvedeny na straně 33.
- Řetězová kola mají indukčně kalené zuby, zhotovený otvor včetně drážky pro pero a dva otvory pro stavěcí šrouby v poloze nad drážkou pro pero a pod úhlem 90°, což umožňuje rychlou montáž bez nutnosti dalšího opracování.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.
- Keyway dimensions (B, T2) and setscrews dimensions (M) are stated on page 33.
- Sprockets are with induction hardened teeth, finished bore including keyway and 2 setscrew holes in position above keyway and under 90° angle. This sprocket version enables sprocket assembly without any other finishing.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



## Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Řetězové kolo přesné s indukčně kalenými zuby pro válečkový řetěz dle DIN 8187 ISO/R606  
Finished sprocket with hardened teeth for roller chain to DIN 8187 ISO/R606



Drážka pro pero v ose zubu  
Keyway in line with tooth

Indukčně kalené zuby HRC 45+53  
Induction hardened teeth HRC 45+53

10B-1

| Řetěz • Chain                     |   |          |
|-----------------------------------|---|----------|
| Rozteč • Pitch                    | P   | 9,525 mm |
| Vnitřní šířka • Inner width       | b <sub>i</sub>                            | 5,72 mm  |
| Průměr válečku • Roller diameter  | D   | 6,35 mm  |
| Řetězové kolo • Sprocket          |   |          |
| Šířka zubů • Sprocket tooth width | B <sub>1</sub>                            | 9,1 mm   |
| Materiál • Raw material           | ocel • steel<br>C40/C45 kalena / hardened |          |

| Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |  |
|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|--|
| 13                              | 73,2                   | 66,32                  | 47                     | 30        | 16                     | 0,49                       | 18                              | 98,3                   | 91,42                  | 70                     | 30        | 20                     | 1,03                       | 23                              | 123,4                  | 116,58                 | 80                     | 30        | 20                     | 1,49                       |  |
|                                 |                        |                        |                        |           | 19                     | 0,46                       |                                 |                        |                        |                        |           | 22                     | 1,02                       |                                 |                        |                        |                        |           | 22                     | 1,47                       |  |
|                                 |                        |                        |                        |           | 20                     | 0,45                       |                                 |                        |                        |                        |           | 24                     | 1,00                       |                                 |                        |                        |                        |           | 24                     | 1,45                       |  |
|                                 |                        |                        |                        |           | 22                     | 0,43                       |                                 |                        |                        |                        |           | 25                     | 0,99                       |                                 |                        |                        |                        |           | 25                     | 1,43                       |  |
|                                 |                        |                        |                        |           | 24                     | 0,41                       |                                 |                        |                        |                        |           | 28                     | 0,96                       |                                 |                        |                        |                        |           | 28                     | 1,41                       |  |
|                                 |                        |                        |                        |           | 25                     | 0,40                       |                                 |                        |                        |                        |           | 30                     | 0,94                       |                                 |                        |                        |                        |           | 30                     | 1,39                       |  |
|                                 |                        |                        |                        |           | 28                     | 0,37                       |                                 |                        |                        |                        |           | 32                     | 0,92                       |                                 |                        |                        |                        |           | 32                     | 1,37                       |  |
|                                 |                        |                        |                        |           | 30                     | 0,35                       |                                 |                        |                        |                        |           | 35                     | 0,90                       |                                 |                        |                        |                        |           | 35                     | 1,34                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 38                     | 0,88                       |                                 |                        |                        |                        |           | 38                     | 1,31                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 0,86                       |                                 |                        |                        |                        |           | 40                     | 1,29                       |  |
| 14                              | 78,2                   | 71,34                  | 52                     | 30        | 16                     | 0,60                       | 19                              |                        |                        |                        | 30        | 20                     | 1,08                       |                                 |                        |                        |                        | 42        | 1,27                   |                            |  |
|                                 |                        |                        |                        |           | 19                     | 0,57                       |                                 |                        |                        |                        |           | 22                     | 1,06                       | 24                              | 128,5                  | 121,62                 | 80                     | 30        | 20                     | 1,54                       |  |
|                                 |                        |                        |                        |           | 20                     | 0,56                       | 19                              | 103,3                  | 96,45                  | 70                     | 30        | 22                     | 1,04                       |                                 |                        |                        |                        |           | 22                     | 1,52                       |  |
|                                 |                        |                        |                        |           | 22                     | 0,54                       |                                 |                        |                        |                        |           | 24                     | 1,03                       |                                 |                        |                        |                        |           | 24                     | 1,50                       |  |
|                                 |                        |                        |                        |           | 24                     | 0,52                       |                                 |                        |                        |                        |           | 25                     | 1,03                       |                                 |                        |                        |                        |           | 25                     | 1,49                       |  |
|                                 |                        |                        |                        |           | 25                     | 0,51                       |                                 |                        |                        |                        |           | 28                     | 1,00                       |                                 |                        |                        |                        |           | 28                     | 1,47                       |  |
|                                 |                        |                        |                        |           | 28                     | 0,48                       |                                 |                        |                        |                        |           | 30                     | 0,98                       |                                 |                        |                        |                        |           | 30                     | 1,45                       |  |
|                                 |                        |                        |                        |           | 30                     | 0,46                       |                                 |                        |                        |                        |           | 32                     | 0,96                       |                                 |                        |                        |                        |           | 32                     | 1,43                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 35                     | 0,93                       |                                 |                        |                        |                        |           | 35                     | 1,41                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 38                     | 0,90                       |                                 |                        |                        |                        |           | 38                     | 1,38                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 0,88                       |                                 |                        |                        |                        |           | 40                     | 1,36                       |  |
| 15                              | 83,2                   | 76,36                  | 57                     | 30        | 19                     | 0,69                       |                                 |                        |                        |                        |           | 20                     | 1,23                       |                                 |                        |                        |                        | 42        | 1,34                   |                            |  |
|                                 |                        |                        |                        |           | 20                     | 0,68                       |                                 |                        |                        |                        |           | 22                     | 1,21                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 22                     | 0,66                       |                                 |                        |                        |                        |           | 24                     | 1,19                       | 25                              | 133,5                  | 126,66                 | 80                     | 30        | 22                     | 1,59                       |  |
|                                 |                        |                        |                        |           | 25                     | 0,63                       |                                 |                        |                        |                        |           | 25                     | 1,18                       |                                 |                        |                        |                        |           | 24                     | 1,57                       |  |
|                                 |                        |                        |                        |           | 28                     | 0,61                       |                                 |                        |                        |                        |           | 28                     | 1,15                       |                                 |                        |                        |                        |           | 25                     | 1,56                       |  |
|                                 |                        |                        |                        |           | 30                     | 0,59                       |                                 |                        |                        |                        |           | 30                     | 1,13                       |                                 |                        |                        |                        |           | 28                     | 1,53                       |  |
|                                 |                        |                        |                        |           | 32                     | 0,57                       |                                 |                        |                        |                        |           | 32                     | 1,11                       |                                 |                        |                        |                        |           | 30                     | 1,51                       |  |
|                                 |                        |                        |                        |           | 35                     | 0,54                       |                                 |                        |                        |                        |           | 35                     | 1,09                       |                                 |                        |                        |                        |           | 32                     | 1,49                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 38                     | 1,06                       |                                 |                        |                        |                        |           | 35                     | 1,46                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 1,04                       |                                 |                        |                        |                        |           | 38                     | 1,43                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 1,41                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 21                              | 113,4                  | 106,52                 | 75                     | 30        | 20                     | 1,27                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 22                              | 1,25                   |                        |                        |           | 42                     | 1,39                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 24                              | 1,23                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 25                              | 1,22                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 28                              | 1,20                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 30                              | 1,18                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 32                              | 1,16                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 35                              | 1,13                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 38                              | 1,10                   |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            | 40                              | 1,08                   |                        |                        |           |                        |                            |  |
| 17                              | 93,2                   | 86,39                  | 60                     | 30        | 20                     | 0,81                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 22                     | 0,79                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 24                     | 0,77                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 25                     | 0,76                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 28                     | 0,73                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 0,71                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 32                     | 0,69                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 35                     | 0,66                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |

- Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) jsou uvedeny na straně 33.
- Řetězová kola mají indukčně kalené zuby, zhotovený otvor včetně drážky pro pero a dva otvory pro stavěcí šrouby v poloze nad drážkou pro pero a pod úhlem 90°, což umožňuje rychlou montáž bez nutnosti dalšího opracování.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.

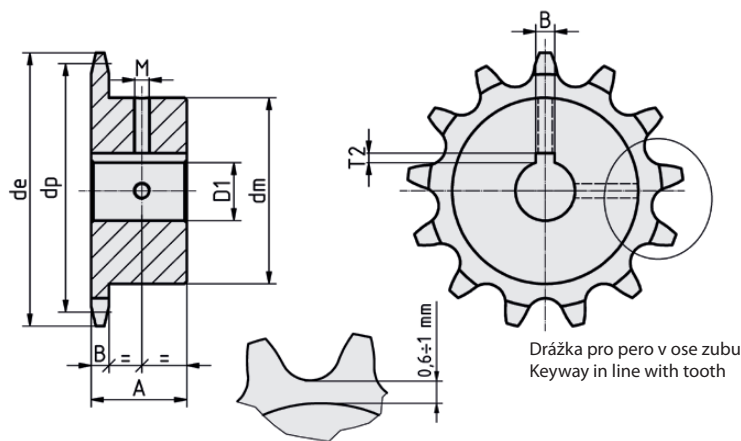
- Keyway dimensions (B, T2) and setscrews dimensions (M) are stated on page 33.
- Sprockets are with induction hardened teeth, finished bore including keyway and 2 setscrew holes in position above keyway and under 90° angle. This sprocket version enables sprocket assembly without any other finishing.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.

# Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Řetězové kolo přesné s indukčně kalenými zuby pro válečkový řetěz dle DIN 8187 ISO/R606  
Finished sprocket with hardened teeth for roller chain to DIN 8187 ISO/R606



12B-1



Indukčně kalené zuby HRC 45+53  
Induction hardened teeth HRC 45+53

| Řetěz • Chain                     |  |          |
|-----------------------------------|--|----------|
| Rozteč • Pitch                    | P  | 19,05 mm |
| Vnitřní šířka • Inner width       | b <sub>1</sub>                                   | 11,68 mm |
| Průměr válečku • Roller diameter  | D  | 12,07 mm |
| Řetězové kolo • Sprocket          |  |          |
| Šířka zubů • Sprocket tooth width | B <sub>1</sub>                                   | 11,1 mm  |
| <b>Materiál • Raw material</b>    | <b>ocel • steel</b><br>C40/C45 kalena / hardened |          |

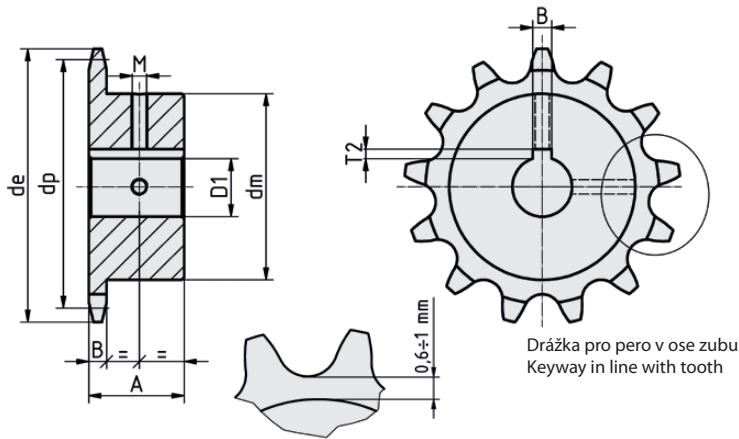
| Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |  |
|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|--|
| 12                              | 81,8                   | 73,6                   | 52                     | 35        | 20                     | 0,76                       | 16                              | 105,5                  | 97,65                  | 75                     | 35        | 20                     | 1,49                       | 20                              | 129,7                  | 121,78                 | 80                     | 35        | 25                     | 1,94                       |  |
|                                 |                        |                        |                        |           | 22                     | 0,74                       |                                 |                        |                        |                        |           | 22                     | 1,47                       |                                 |                        |                        |                        |           | 28                     | 1,91                       |  |
|                                 |                        |                        |                        |           | 24                     | 0,72                       |                                 |                        |                        |                        |           | 25                     | 1,44                       |                                 |                        |                        |                        |           | 30                     | 1,89                       |  |
|                                 |                        |                        |                        |           | 25                     | 0,71                       |                                 |                        |                        |                        |           | 28                     | 1,41                       |                                 |                        |                        |                        |           | 32                     | 1,87                       |  |
|                                 |                        |                        |                        |           | 28                     | 0,68                       |                                 |                        |                        |                        |           | 30                     | 1,39                       |                                 |                        |                        |                        |           | 35                     | 1,84                       |  |
|                                 |                        |                        |                        |           | 30                     | 0,66                       |                                 |                        |                        |                        |           | 32                     | 1,37                       |                                 |                        |                        |                        |           | 38                     | 1,81                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 35                     | 1,35                       |                                 |                        |                        |                        |           | 40                     | 1,79                       |  |
| 13                              | 87,1                   | 79,60                  | 58                     | 35        | 20                     | 0,92                       |                                 |                        |                        |                        |           | 38                     | 1,32                       |                                 |                        |                        |                        |           | 42                     | 1,77                       |  |
|                                 |                        |                        |                        |           | 22                     | 0,90                       |                                 |                        |                        |                        |           | 40                     | 1,31                       |                                 |                        |                        |                        |           | 45                     | 1,75                       |  |
|                                 |                        |                        |                        |           | 24                     | 0,88                       | 17                              | 111,2                  | 103,67                 | 80                     | 35        | 22                     | 1,67                       | 21                              | 135,4                  | 127,82                 | 90                     | 40        | 28                     | 2,48                       |  |
|                                 |                        |                        |                        |           | 25                     | 0,87                       |                                 |                        |                        |                        |           | 25                     | 1,64                       |                                 |                        |                        |                        |           | 30                     | 2,46                       |  |
|                                 |                        |                        |                        |           | 28                     | 0,84                       |                                 |                        |                        |                        |           | 28                     | 1,61                       |                                 |                        |                        |                        |           | 32                     | 2,44                       |  |
|                                 |                        |                        |                        |           | 30                     | 0,82                       |                                 |                        |                        |                        |           | 30                     | 1,59                       |                                 |                        |                        |                        |           | 35                     | 2,42                       |  |
|                                 |                        |                        |                        |           | 32                     | 0,80                       |                                 |                        |                        |                        |           | 32                     | 1,57                       |                                 |                        |                        |                        |           | 38                     | 2,39                       |  |
|                                 |                        |                        |                        |           | 35                     | 0,77                       |                                 |                        |                        |                        |           | 35                     | 1,55                       |                                 |                        |                        |                        |           | 40                     | 2,37                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 38                     | 1,52                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 1,50                       |                                 |                        |                        |                        |           |                        |                            |  |
| 14                              | 93,8                   | 85,61                  | 64                     | 35        | 20                     | 1,11                       |                                 |                        |                        |                        |           | 40                     | 1,50                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 22                     | 1,09                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 24                     | 1,07                       | 18                              | 118,0                  | 109,71                 | 80                     | 35        | 22                     | 1,78                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 25                     | 1,06                       |                                 |                        |                        |                        |           | 25                     | 1,75                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 28                     | 1,03                       |                                 |                        |                        |                        |           | 28                     | 1,72                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 1,01                       |                                 |                        |                        |                        |           | 30                     | 1,70                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 32                     | 1,00                       |                                 |                        |                        |                        |           | 32                     | 1,68                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 35                     | 0,97                       |                                 |                        |                        |                        |           | 35                     | 1,65                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 38                     | 1,62                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 40                     | 1,60                       |                                 |                        |                        |                        |           |                        |                            |  |
| 15                              | 99,2                   | 91,63                  | 70                     | 35        | 20                     | 1,30                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 22                     | 1,28                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 24                     | 1,26                       | 19                              | 123,3                  | 115,75                 | 80                     | 35        | 25                     | 1,83                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 25                     | 1,25                       |                                 |                        |                        |                        |           | 28                     | 1,80                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 28                     | 1,22                       |                                 |                        |                        |                        |           | 30                     | 1,78                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 1,20                       |                                 |                        |                        |                        |           | 32                     | 1,76                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 32                     | 1,18                       |                                 |                        |                        |                        |           | 35                     | 1,74                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 35                     | 1,15                       |                                 |                        |                        |                        |           | 38                     | 1,71                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 38                     | 1,13                       |                                 |                        |                        |                        |           | 40                     | 1,69                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 40                     | 1,11                       |                                 |                        |                        |                        |           | 42                     | 1,67                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 45                     | 1,64                       |                                 |                        |                        |                        |           |                        |                            |  |

- Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) jsou uvedeny na straně 33.
- Řetězová kola mají indukčně kalené zuby, zhotovený otvor včetně drážky pro pero a dva otvory pro stavěcí šrouby v poloze nad drážkou pro pero a pod úhlem 90°, což umožňuje rychlou montáž bez nutnosti dalšího opracování.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.
- Keyway dimensions (B, T2) and setscrews dimensions (M) are stated on page 33.
- Sprockets are with induction hardened teeth, finished bore including keyway and 2 setscrew holes in position above keyway and under 90° angle. This sprocket version enables sprocket assembly without any other finishing.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



# Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Řetězové kolo přesné s indukčně kalenými zuby pro válečkový řetěz dle DIN 8187 ISO/R606  
Finished sprockets with hardened teeth for roller chain to DIN 8187 ISO/R606



Indukčně kalené zuby HRC 45+53  
Induction hardened teeth HRC 45+53

Drážka pro pero v ose zuby  
Keyway in line with tooth



16B-1

| Řetěz • Chain                     |                |   |
|-----------------------------------|----------------|---|
| Rozteč • Pitch                    | P              | 25,4 mm                                   |
| Vnitřní šířka • Inner width       | b <sub>i</sub> | 17,02 mm                                  |
| Průměr válečku • Roller diameter  | D              | 15,88 mm                                  |
| Řetězové kolo • Sprocket          |                |   |
| Šířka zubů • Sprocket tooth width | B <sub>i</sub> | 16,2 mm                                   |
| Materiál • Raw material           |                | ocel • steel<br>C40/C45 kalena / hardened |

| Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] | Počet zubů<br>Teeth number<br>Z | d <sub>e</sub><br>[mm] | d <sub>p</sub><br>[mm] | d <sub>m</sub><br>[mm] | A<br>[mm] | D <sub>1</sub><br>[mm] | Hmotnost<br>Weight<br>[kg] |  |
|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|---------------------------------|------------------------|------------------------|------------------------|-----------|------------------------|----------------------------|--|
| 12                              | 109,71                 | 98,14                  | 69                     | 40        | 25                     | 1,73                       | 16                              | 141,0                  | 130,20                 | 100                    | 45        | 30                     | 3,48                       | 20                              | 173,2                  | 162,38                 | 100                    | 45        | 30                     | 4,49                       |  |
|                                 |                        |                        |                        |           | 28                     | 1,71                       |                                 |                        |                        |                        |           | 32                     | 3,46                       |                                 |                        |                        |                        |           | 32                     | 4,47                       |  |
|                                 |                        |                        |                        |           | 32                     | 1,69                       |                                 |                        |                        |                        |           | 38                     | 3,44                       |                                 |                        |                        |                        |           | 35                     | 4,44                       |  |
|                                 |                        |                        |                        |           | 35                     | 1,66                       |                                 |                        |                        |                        |           | 40                     | 3,42                       |                                 |                        |                        |                        |           | 38                     | 4,42                       |  |
|                                 |                        |                        |                        |           | 38                     | 1,63                       |                                 |                        |                        |                        |           | 42                     | 3,40                       |                                 |                        |                        |                        |           | 40                     | 4,40                       |  |
|                                 |                        |                        |                        |           | 40                     | 1,61                       |                                 |                        |                        |                        |           | 45                     | 3,37                       |                                 |                        |                        |                        |           | 42                     | 4,38                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 48                     | 3,34                       |                                 |                        |                        |                        |           | 45                     | 4,35                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 3,32                       |                                 |                        |                        |                        |           | 48                     | 4,32                       |  |
|                                 | 117,2                  | 106,14                 | 78                     | 40        | 25                     | 2,09                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 4,30                       |  |
|                                 |                        |                        |                        |           | 28                     | 2,07                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 2,05                       | 17                              | 149,4                  | 138,22                 | 100                    | 45        | 30                     | 3,73                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 32                     | 2,03                       |                                 |                        |                        |                        |           | 32                     | 3,71                       | 21                              | 181,6                  | 170,43                 | 110                    | 50        | 30                     | 5,50                       |  |
|                                 |                        |                        |                        |           | 35                     | 2,00                       |                                 |                        |                        |                        |           | 35                     | 3,68                       |                                 |                        |                        |                        |           | 32                     | 5,48                       |  |
|                                 |                        |                        |                        |           | 38                     | 1,98                       |                                 |                        |                        |                        |           | 38                     | 3,66                       |                                 |                        |                        |                        |           | 35                     | 5,45                       |  |
|                                 |                        |                        |                        |           | 40                     | 1,96                       |                                 |                        |                        |                        |           | 40                     | 3,64                       |                                 |                        |                        |                        |           | 38                     | 5,42                       |  |
|                                 |                        |                        |                        |           | 42                     | 1,94                       |                                 |                        |                        |                        |           | 42                     | 3,62                       |                                 |                        |                        |                        |           | 40                     | 5,40                       |  |
|                                 |                        |                        |                        |           | 45                     | 1,91                       |                                 |                        |                        |                        |           | 45                     | 3,59                       |                                 |                        |                        |                        |           | 42                     | 5,38                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 48                     | 3,56                       |                                 |                        |                        |                        |           | 45                     | 5,35                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 3,54                       |                                 |                        |                        |                        |           | 48                     | 5,32                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 5,30                       |  |
| 14                              | 125,7                  | 114,15                 | 84                     | 40        | 25                     | 2,44                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 28                     | 2,42                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 2,40                       | 18                              | 157,0                  | 146,28                 | 100                    | 45        | 30                     | 3,96                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 32                     | 2,38                       |                                 |                        |                        |                        |           | 32                     | 3,94                       | 23                              | 198,1                  | 186,1                  | 110                    | 50        | 30                     | 6,12                       |  |
|                                 |                        |                        |                        |           | 35                     | 2,35                       |                                 |                        |                        |                        |           | 35                     | 3,92                       |                                 |                        |                        |                        |           | 32                     | 6,10                       |  |
|                                 |                        |                        |                        |           | 38                     | 2,32                       |                                 |                        |                        |                        |           | 38                     | 3,90                       |                                 |                        |                        |                        |           | 35                     | 6,07                       |  |
|                                 |                        |                        |                        |           | 40                     | 2,30                       |                                 |                        |                        |                        |           | 40                     | 3,88                       |                                 |                        |                        |                        |           | 38                     | 6,04                       |  |
|                                 |                        |                        |                        |           | 42                     | 2,28                       |                                 |                        |                        |                        |           | 42                     | 3,86                       |                                 |                        |                        |                        |           | 40                     | 6,02                       |  |
|                                 |                        |                        |                        |           | 45                     | 2,25                       |                                 |                        |                        |                        |           | 45                     | 3,83                       |                                 |                        |                        |                        |           | 42                     | 6,00                       |  |
|                                 |                        |                        |                        |           | 48                     | 2,22                       |                                 |                        |                        |                        |           | 48                     | 3,80                       |                                 |                        |                        |                        |           | 45                     | 5,97                       |  |
|                                 |                        |                        |                        |           | 50                     | 2,20                       |                                 |                        |                        |                        |           | 50                     | 3,78                       |                                 |                        |                        |                        |           | 48                     | 5,94                       |  |
|                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 5,92                       |  |
| 15                              | 133,3                  | 122,17                 | 92                     | 40        | 28                     | 2,80                       | 19                              | 165,5                  | 154,33                 | 100                    | 45        | 30                     | 4,23                       |                                 |                        |                        |                        |           |                        |                            |  |
|                                 |                        |                        |                        |           | 30                     | 2,78                       |                                 |                        |                        |                        |           | 32                     | 4,21                       | 25                              | 214,2                  | 202,66                 | 110                    | 50        | 30                     | 6,78                       |  |
|                                 |                        |                        |                        |           | 32                     | 2,76                       |                                 |                        |                        |                        |           | 35                     | 4,18                       |                                 |                        |                        |                        |           | 32                     | 6,76                       |  |
|                                 |                        |                        |                        |           | 35                     | 2,73                       |                                 |                        |                        |                        |           | 38                     | 4,15                       |                                 |                        |                        |                        |           | 35                     | 6,73                       |  |
|                                 |                        |                        |                        |           | 38                     | 2,71                       |                                 |                        |                        |                        |           | 40                     | 4,13                       |                                 |                        |                        |                        |           | 38                     | 6,70                       |  |
|                                 |                        |                        |                        |           | 40                     | 2,69                       |                                 |                        |                        |                        |           | 42                     | 4,11                       |                                 |                        |                        |                        |           | 40                     | 6,68                       |  |
|                                 |                        |                        |                        |           | 42                     | 2,67                       |                                 |                        |                        |                        |           | 45                     | 4,08                       |                                 |                        |                        |                        |           | 42                     | 6,66                       |  |
|                                 |                        |                        |                        |           | 45                     | 2,64                       |                                 |                        |                        |                        |           | 48                     | 4,05                       |                                 |                        |                        |                        |           | 45                     | 6,63                       |  |
|                                 |                        |                        |                        |           | 48                     | 2,61                       |                                 |                        |                        |                        |           | 50                     | 4,03                       |                                 |                        |                        |                        |           | 48                     | 6,60                       |  |
|                                 |                        |                        |                        |           | 50                     | 2,59                       |                                 |                        |                        |                        |           |                        |                            |                                 |                        |                        |                        |           | 50                     | 6,58                       |  |

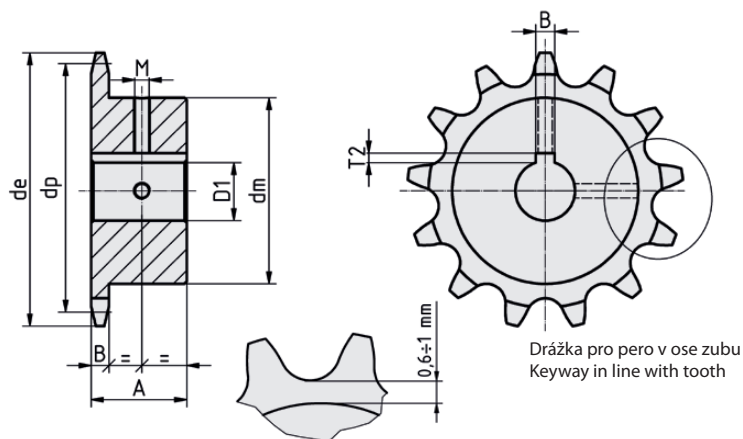
- Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) jsou uvedeny na straně 33.
- Řetězová kola mají indukčně kalené zuby, zhotovený otvor včetně drážky pro pero a dva otvory pro stavěcí šrouby v poloze nad drážkou pro pero a pod úhlem 90°, což umožňuje rychlou montáž bez nutnosti dalšího opracování.
- Mimo standardní rozměry upravíme/vyrobíme polotovary v naší obrobně dle Vašich požadavků.
- Keyway dimensions (B, T2) and setscrews dimensions (M) are stated on page 33.
- Sprockets are with induction hardened teeth, finished bore including keyway and 2 setscrew holes in position above keyway and under 90° angle. This sprocket version enables sprocket assembly without any other finishing.
- Upon request we adapt/produce sprockets/plate wheels out of standard dimensions in our workshop.



## Řetězová kola přesná s kalenými zuby Finished sprockets with hardened teeth

Rozměry drážky pro pero (B, T2) a stavěcích šroubů (M) přesných řetězových kol s indukčně kalenými zuby pro válečkové řetězy.

Keyway dimensions (B, T2) and setscrews dimensions (M) for finished sprockets with hardened teeth for roller chains.



Indukčně kalené zuby HRC 45÷53  
Induction hardened teeth HRC 45÷53

**06B-1 až 16B-1**

Drážka vyrobena dle DIN6 6885 – JS9  
Keyway to DIN6 6885 – JS9

| Otvor • Bore<br>D1<br>[mm] |              | Šířka drážky • Keyway width<br>B<br>[mm] |              | Hloubka drážky • Keyway depth<br>T2<br>[mm] |             | Stavěcí šrouby • Screws<br>M |
|----------------------------|--------------|--|--------------|---|-------------|------------------------------|
| Ø12 H7                     | +0,018<br>-0 | 4 H9                                     | +0,030<br>-0 | 1,8   | +0,10<br>-0 | M4                           |
| Ø14 H7                     | +0,018<br>-0 | 5 H9                                     | +0,030<br>-0 | 2,3   | +0,10<br>-0 |                              |
| Ø15 H7                     | +0,018<br>-0 | 5 H9                                     | +0,030<br>-0 | 2,3   | +0,10<br>-0 | M4                           |
| Ø16 H7                     | +0,018<br>-0 | 6 H9                                     | +0,030<br>-0 | 2,3   | +0,10<br>-0 | M4                           |
| Ø18 H7                     | +0,018<br>-0 | 6 H9                                     | +0,030<br>-0 | 2,8   | +0,10<br>-0 | M5                           |
| Ø19 H7                     | +0,021<br>-0 | 6 H9                                     | +0,030<br>-0 | 2,8   | +0,10<br>-0 | M5                           |
| Ø20 H7                     | +0,021<br>-0 | 6 H9                                     | +0,030<br>-0 | 2,8   | +0,10<br>-0 | M5                           |
| Ø22 H7                     | +0,021<br>-0 | 6 H9                                     | +0,030<br>-0 | 2,8   | +0,10<br>-0 | M5                           |
| Ø24 H7                     | +0,021<br>-0 | 8 H9                                     | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M6                           |
| Ø25 H7                     | +0,021<br>-0 | 8 H9                                     | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M6                           |
| Ø28 H7                     | +0,021<br>-0 | 8 H9                                     | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M6                           |
| Ø30 H7                     | +0,021<br>-0 | 8 H9                                     | +0,036<br>-0 | 3,3   | 0,20<br>0   | M6                           |
| Ø32 H7                     | +0,025<br>-0 | 10 H9                                    | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M8                           |
| Ø35 H7                     | +0,025<br>-0 | 10 H9                                    | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M8                           |
| Ø38 H7                     | +0,025<br>-0 | 10 H9                                    | +0,036<br>-0 | 3,3   | +0,20<br>-0 | M8                           |
| Ø40 H7                     | +0,025<br>-0 | 12 H9                                    | +0,043<br>-0 | 3,3   | +0,20<br>-0 | M10                          |
| Ø42 H7                     | +0,025<br>-0 | 12 H9                                    | +0,043<br>-0 | 3,3   | +0,20<br>-0 | M10                          |
| Ø45 H7                     | +0,025<br>-0 | 14 H9                                    | +0,043<br>-0 | 3,8   | +0,20<br>-0 | M12                          |
| Ø48 H7                     | 0,025<br>0   | 14 H9                                    | +0,043<br>-0 | 3,8   | +0,20<br>-0 | M12                          |
| Ø50 H7                     | +0,025<br>-0 | 14 H9                                    | +0,043<br>-0 | 3,8   | +0,20<br>-0 | M12                          |

## Řetězová kola pro dopravní řetězy Sprockets for conveyor chains

### ŘETĚZY VAMBERK vyrábí široký sortiment řetězových kol a disků pro dopravní řetězy:

- FV dle normy DIN 8165
- M dle normy DIN 8167
- SMS dle normy SMS 1698
- BS dle normy BS 4116/4

### ŘETĚZY VAMBERK produces a wide range of sprockets and plate wheels for conveyor chains:

- FV to standard DIN 8165
- M to standard DIN 8167
- SMS to standard SMS 1698
- BS to standard BS 4116/4

Dle Vašich požadavků nabízíme kola a disky z různých materiálů – ocel, nerez a plast, s různými povrchovými úpravami a tepelným zpracováním.

Naší předností jsou atypická řešení kol a disků a to až do průměru 4 metry.

Na následujících stranách uvádíme některé příklady řešení konstrukcí řetězových kol a disků pro dopravní řetězy.

V případě Vašeho zájmu, prosím neváhejte kontaktovat naše prodejní oddělení. Rádi Vám poradíme.

Upon your requirements we deliver sprockets and plate wheels in various kinds of raw materials - steel, stainless steel and plastic as well as in a wide range of heat and surface treatment .

Our strength is production of special sprockets and plate wheels up to 4 meters diameter.

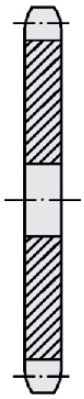
Hereby we state some examples of sprocket and plate wheel solutions for conveyor chains.

In case of your interest, please, don't hesitate to contact our sales department. It would be our pleasure to assist you.



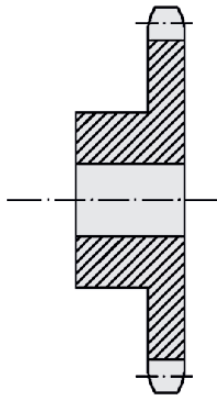
# Řetězová kola pro dopravní řetězy

## Sprockets for conveyor chains



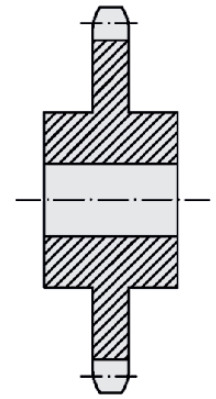
Typ • Type

**A**



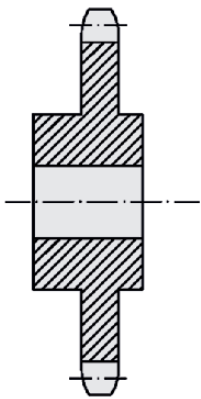
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**B**



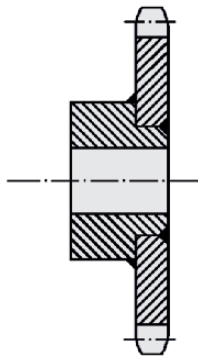
Typ • Type

**C**



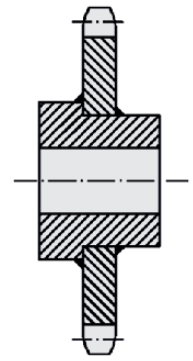
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**D**



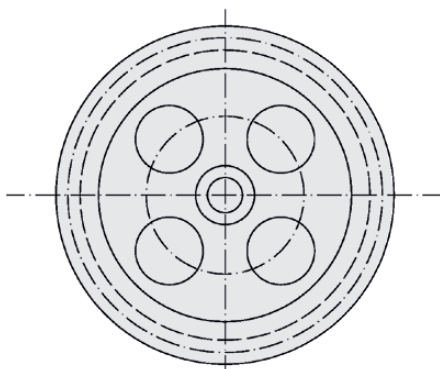
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**G**



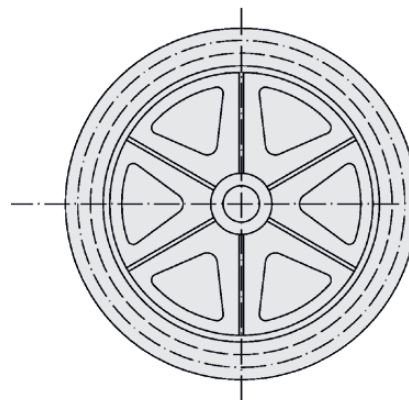
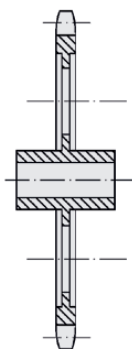
Typ • Type

**H**



Typ • Type

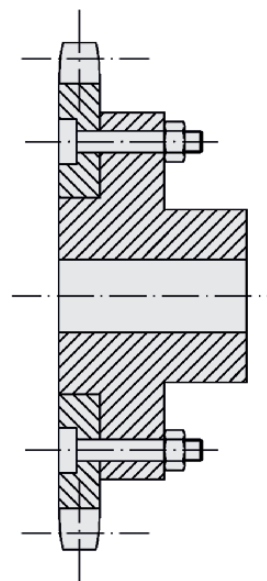
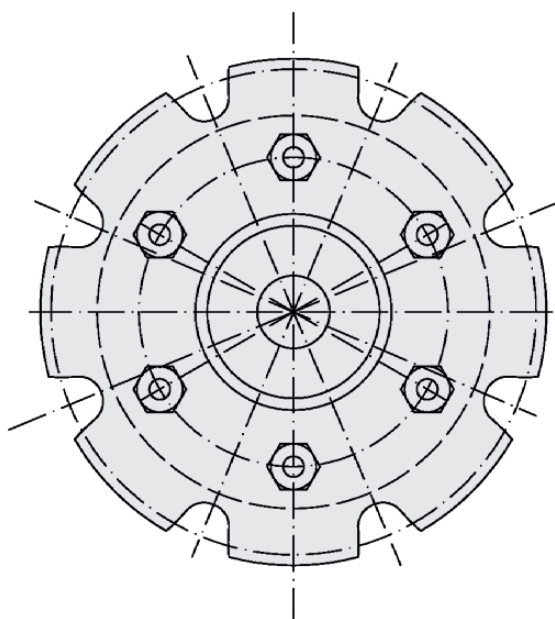
**I**



Typ • Type

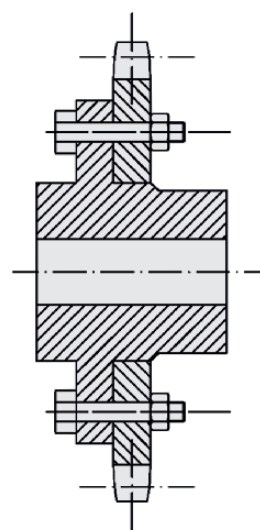
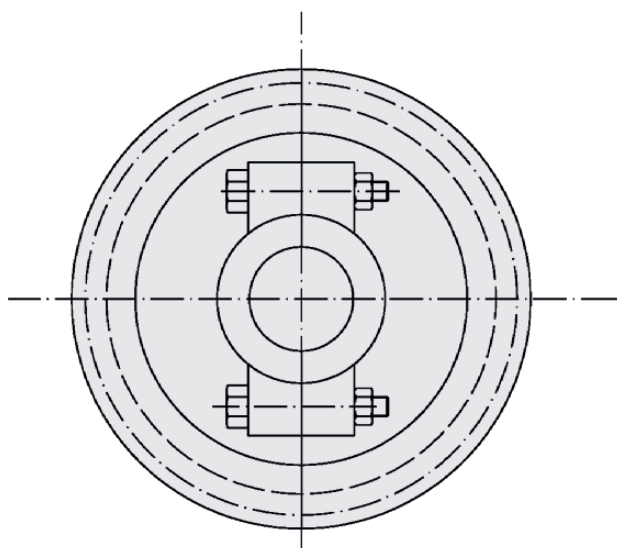
**J**

Řetězová kola pro dopravní řetězy  
Sprockets for conveyor chains



Typ • Type

K

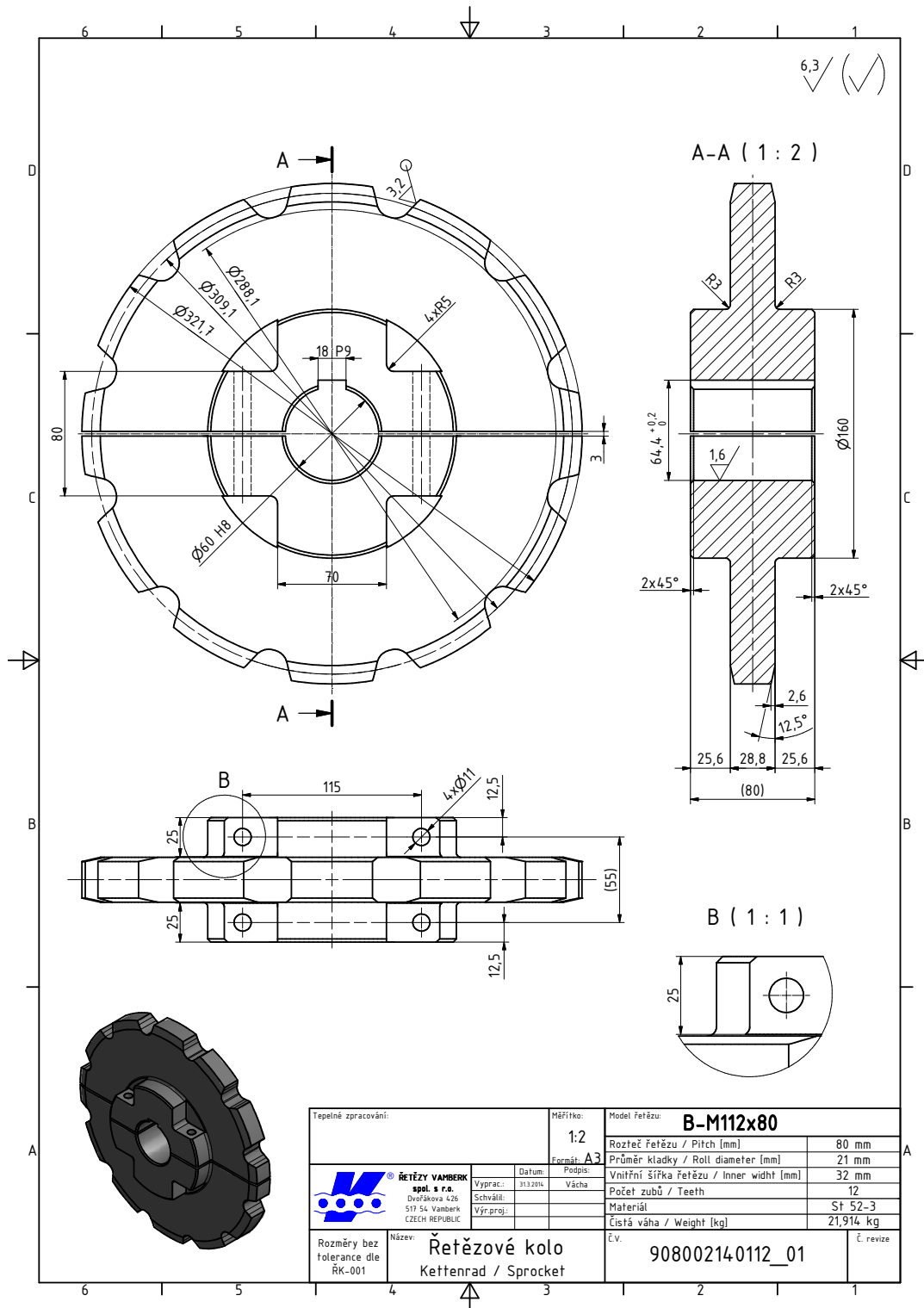


Typ • Type

L

## Řetězová kola – zakázkově vyráběná řetězová kola Sprockets – made to customer requirements

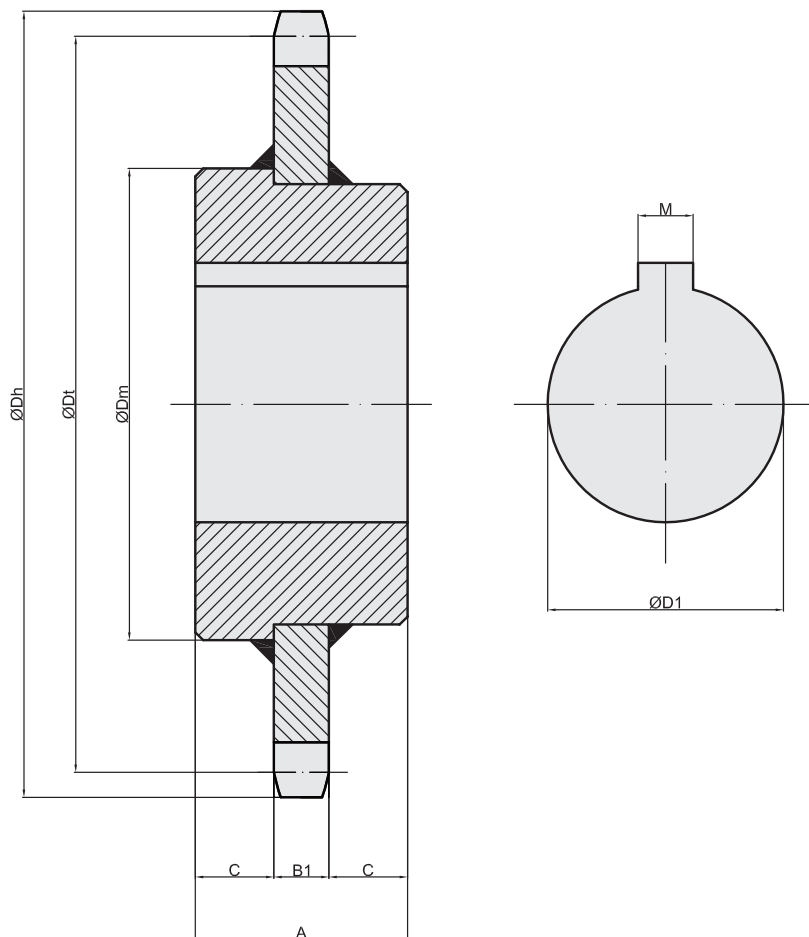
- řetězová kola dle výkresové dokumentace
- pro různé průměry pouzder, válečků a kladek
- nestandardní rozteče zubů
- do průměru 4000 mm
- s kalenými zuby
- různá povrchová úprava
- z materiálu: ocel, nerez, plast
- sprockets produced to drawings
- available for various bush and roller diameters
- non-standard teeth pitch
- up to 4,000 mm diameter
- with hardened teeth
- available in various surface treatment
- from steel, stainless steel and plastic



## Řetězová kola – poptávkový formulář Sprockets – Inquiry form

V případě poptávky, prosím vyplňte níže uvedenou tabulku rozměrů řetězového kola / disku a zašlete ji našemu obchodnímu oddělení.

In case of your inquiry, please fill in the below mentioned table, where you specify sprocket and plate wheel dimensions and would be so kind and send it to our sales department.

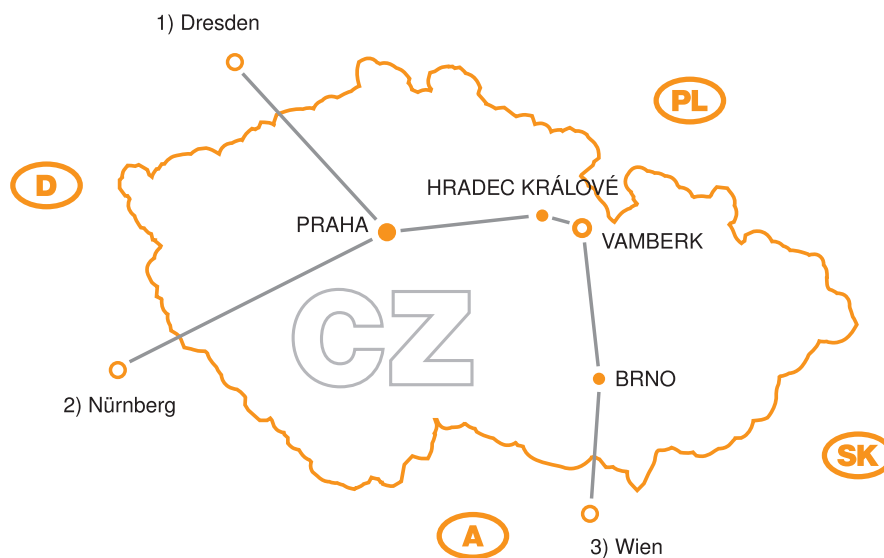


|                         | ROZMĚRY KOLA • SPROCKET DIMENSIONS                                   | ROZMĚRY • DIMENSIONS |
|-------------------------|--|----------------------|
| <b>Z</b>                | Počet zubů • Teeth number  |                      |
| <b><math>D_h</math></b> | Průměr hlavové kružnice • External diameter                          |                      |
| <b><math>D_t</math></b> | Průměr roztečné kružnice • Pitch circle diameter                     |                      |
| <b>dm</b>               | Průměr náboje • Hub diameter   |                      |
| <b><math>D_1</math></b> | Otvor kola (startovací nebo přesný) • Sprocket bore (pilot or exact) |                      |
| <b><math>B_1</math></b> | Šířka zubu • Tooth width   |                      |
| <b>A</b>                | Celková šířka kola • Sprocket width                                  |                      |
| <b>C</b>                | Šířka náboje • Hub width   |                      |
| <b>M</b>                | Šířka drážky • Keyway width  |                      |

## Jak nás najít How to find us



|  |      |
|--|------|
| Dresden (D) - Zinnwald - Georgenfeld (D) | E 55 |
| Zinnwald (D) - Teplice (CZ)              | E 55 |
| Teplice (CZ) - Praha (CZ)                | E 55 |
| Praha (CZ) - Hradec Králové (CZ)         | E 67 |
| Hradec Králové (CZ) - Vamberk (CZ)       | 11   |



|                                    |      |
|------------------------------------|------|
| Nürnberg (D) - Waidhaus (D)        | E 50 |
| Waidhaus (D) - Plzeň (CZ)          | E 50 |
| Plzeň (CZ) - Praha (CZ)            | E 50 |
| Praha (CZ) - Hradec Králové (CZ)   | E 67 |
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|-------------------------------------|---------|
| Wien (A) - Drasenhofen (A)          | E 461   |
| Drasenhofen (A) - Brno (CZ)         | E 461   |
| Brno (CZ) - Svitavy (CZ)            | E 461   |
| Svitavy (CZ) - Ústí nad Orlicí (CZ) | 43 ; 14 |
| Ústí nad Orlicí (CZ) - Vamberk (CZ) | 14      |

- Údaje uvedené v tomto katalogu jsou pouze informativní a výrobce si vyhrazuje právo na případné technické změny na svých výrobcích.
- Stated data in this catalogue are for your information only and a producer reserves an authority to make technical changes on its products.



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