# Sprockets



## Sprockets for double drag link chain

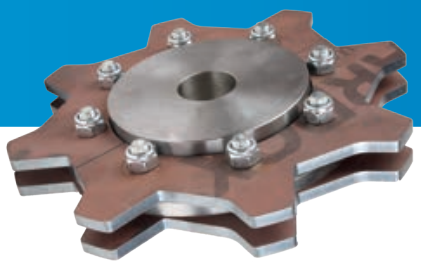
Sprockets are with or without teeth (return sprockets) and wear-resistant due to the hardening on the teeth. These sprockets have a symetrical hub and are divisible, making them easy to (dis) assemble. The following versions are available ex stock. Different dimensions are possible on request.

| Sprockets for double drag link chain available ex stock (parameters in mm) | | | | | |
|---|---|---|---|---|---|
| Pitch | Inner width | Bush Ø | Pitch Ø (p x n) | | |
| | | | 6 teeth | 8 teeth | 7 teeth |
| 63 | 22 | 18 | 126,00 | 164,63 | x |
| 80 | 22 | 18 | 160,00 | 209,05 | x |
| 100 | 22 | 18 | 200,00 | 261,31 | x |
| 125 | 25 / 30 / 35 / 45 | 20 / 22 / 26 / 30 | 250,00 | 326,64 | x |
| 150 | 30 / 45 | 22 / 30 | x | x | 345,71 |
| 160 | 30 / 45 | 30 | 320,00 | 418,10 | x |

| Pitch diameter calculation | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z = number of teeth, n = conversion factor | | | | | | | | | |
| Pitch Ø (in mm) = Pitch of the chain x n | | | | | | | | | |
| z | n | z | n | z | n | z | n | z | n |
| 6 | 2,0000 | 9 | 2,9238 | 12 | 3,8637 | 15 | 4,8097 | 18 | 5,7588 |
| 7 | 2,3048 | 10 | 3,2361 | 13 | 4,1786 | 16 | 5,1258 | 19 | 6,0755 |
| 8 | 2,6131 | 11 | 3,5495 | 14 | 4,4940 | 17 | 5,4422 | 20 | 6,3925 |



Sprockets from VAV are divisible, for quick (dis) assembly.

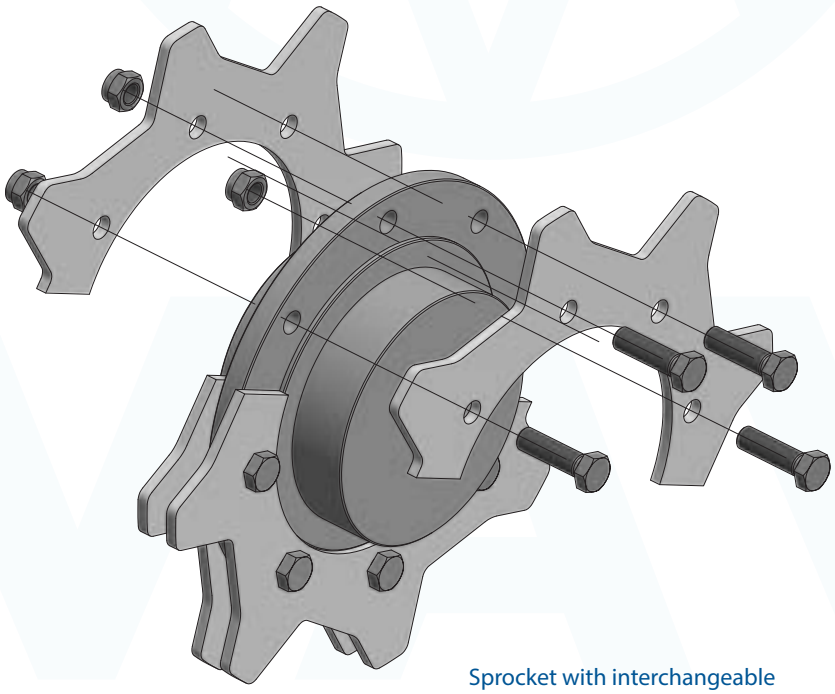




## Sprockets for drop forged chain

Sprockets for drop forged chain consist of a body with symmetrical hub and interchangeable teeth segments. This has the advantage that, when the sprockets wear out, only the wear-resistant teeth segments need to be replaced. Sprockets can be made to your specifications on request. The following versions are available ex stock.

| Sprockets for drop forged chain available ex stock (parameters in mm) | | | | | |
|---|---|---|---|---|---|
| Pitch | Pitch Ø / number of segments per complete set | | | | |
| | 6 teeth | 7 teeth | 8 teeth | 9 teeth | 10 teeth |
| 102 | Ø 204,00 / 4 | Ø 235,09 / 4 | Ø 265,49 / 4 | Ø 298,23 / 4 | Ø 330,08 / 4 |
| 125 | Ø 250,00 / 4 | Ø 288,10 / 4 | Ø 326,64 / 4 | Ø 365,48 / 4 | Ø 404,51 / 4 |
| 142 | Ø 284,00 / 4 | Ø 327,28 / 4 | Ø 371,06 / 8 | Ø 415,18 / 6 | Ø 459,52 / 4 |
| 150 | Ø 300,00 / 6 | Ø 345,71 / 4 | Ø 391,97 / 8 | Ø 438,57 / 4 | Ø 485,42 / 10 |
| 160 | Ø 320,00 / 4 | Ø 368,76 / 4 | Ø 418,10 / 8 | Ø 467,81 / 4 | Ø 517,77 / 4 |
| 200 | Ø 400,00 / 4 | Ø 460,95 / 4 | Ø 522,62 / 8 | Ø 584,76 / 4 | Ø 647,21 / 4 |



Sprocket with interchangeable teeth segments (8 teeth)