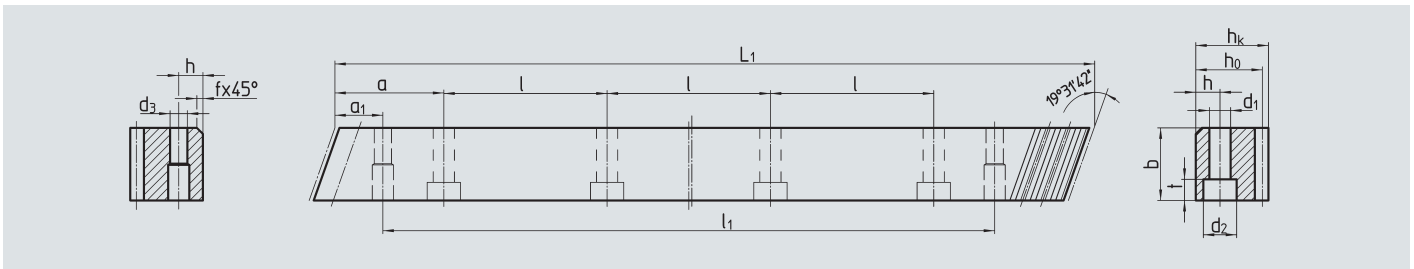


## ATLANTA Quality 9



| Order Code                | Module | L <sub>1</sub> | N° of Teeth z | b   | h <sub>k</sub> | h <sub>0</sub> | f | a    | l   | N° of Holes            | h  | d <sub>1</sub> | d <sub>2</sub> | t  | a <sub>1</sub> | l <sub>1</sub> | d <sub>3</sub> | kg    |
|---------------------------|--------|----------------|---------------|-----|----------------|----------------|---|------|-----|------------------------|----|----------------|----------------|----|----------------|----------------|----------------|-------|
| 47 15 100                 | 1.5    | 1000.00        | 200           | 17  | 17             | 15.5           |   | 62.5 | 125 | 8                      | 6  | 6              | 10             | 6  | 31.7           | 936.6          | 5.7            | 1.30  |
| 47 16 100                 | 1.5    | 1000.00        | 200           | 17  | 17             | 15.5           |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 1.30  |
| 47 15 150                 | 1.5    | 1500.00        | 300           | 17  | 17             | 15.5           |   | 62.5 | 125 | 12                     | 6  | 6              | 10             | 6  | 31.7           | 1436.6         | 5.7            | 1.95  |
| 47 16 150                 | 1.5    | 1500.00        | 300           | 17  | 17             | 15.5           |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 1.95  |
| 47 15 200                 | 1.5    | 2000.00        | 400           | 17  | 17             | 15.5           |   | 62.5 | 125 | 16                     | 6  | 6              | 10             | 6  | 31.7           | 936.6          | 5.7            | 2.60  |
| 47 16 200                 | 1.5    | 2000.00        | 400           | 17  | 17             | 15.5           |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 2.60  |
| 47 20 050 <sup>2)</sup>   | 2      | 500.00         | 75            | 26  | 24             | 22             |   | 62.5 | 125 | 4                      | 8  | 7              | 11             | 7  | 31.7           | 436.6          | 5.7            | 2.20  |
| 47 21 050                 | 2      | 500.00         | 75            | 26  | 24             | 22             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 2.20  |
| 47 20 100                 | 2      | 1000.00        | 150           | 26  | 24             | 22             |   | 62.5 | 125 | 8                      | 8  | 7              | 11             | 7  | 31.7           | 936.6          | 5.7            | 4.40  |
| 47 21 100                 | 2      | 1000.00        | 150           | 26  | 24             | 22             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 4.40  |
| 47 20 200                 | 2      | 2000.00        | 300           | 26  | 24             | 22             |   | 62.5 | 125 | 16                     | 8  | 7              | 11             | 7  | 31.7           | 1936.6         | 5.7            | 8.80  |
| 47 21 200                 | 2      | 2000.00        | 300           | 26  | 24             | 22             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 8.80  |
| 47 30 050 <sup>2)</sup>   | 3      | 500.00         | 50            | 31  | 29             | 26             |   | 62.5 | 125 | 4                      | 9  | 10             | 15             | 9  | 35.0           | 430.0          | 7.7            | 3.10  |
| 47 31 050                 | 3      | 500.00         | 50            | 31  | 29             | 26             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 3.10  |
| 47 30 100                 | 3      | 1000.00        | 100           | 31  | 29             | 26             |   | 62.5 | 125 | 8                      | 9  | 10             | 15             | 9  | 35.0           | 930.0          | 7.7            | 6.20  |
| 47 31 100                 | 3      | 1000.00        | 100           | 31  | 29             | 26             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 6.20  |
| 47 30 200                 | 3      | 2000.00        | 200           | 31  | 29             | 26             |   | 62.5 | 125 | 16                     | 9  | 10             | 15             | 9  | 35.0           | 1930.0         | 7.7            | 12.50 |
| 47 31 200                 | 3      | 2000.00        | 200           | 31  | 29             | 26             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 12.50 |
| 47 30 300                 | 3      | 3000.00        | 300           | 31  | 29             | 26             |   | 62.5 | 125 | 24                     | 9  | 10             | 15             | 9  | 35.0           | 2930.0         | 7.7            | 18.60 |
| 47 31 300                 | 3      | 3000.00        | 300           | 31  | 29             | 26             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 18.60 |
| 47 40 050 <sup>1)2)</sup> | 4      | 506.67         | 38            | 41  | 39             | 35             |   | 62.5 | 125 | 4                      | 12 | 10             | 15             | 9  | 33.3           | 433.0          | 7.7            | 5.60  |
| 47 41 050 <sup>1)2)</sup> | 4      | 506.67         | 38            | 41  | 39             | 35             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 5.60  |
| 47 40 100                 | 4      | 1000.00        | 75            | 41  | 39             | 35             |   | 62.5 | 125 | 8                      | 12 | 10             | 15             | 9  | 33.3           | 933.4          | 7.7            | 11.10 |
| 47 41 100                 |        | 1000.00        | 75            | 41  | 39             | 35             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 11.10 |
| 47 40 200                 | 4      | 2000.00        | 150           | 41  | 39             | 35             |   | 62.5 | 125 | 16                     | 12 | 10             | 15             | 9  | 33.3           | 1933.4         | 7.7            | 22.20 |
| 47 41 200                 |        | 2000.00        | 150           | 41  | 39             | 35             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 22.20 |
| 47 50 100                 | 5      | 1000.00        | 60            | 50  | 39             | 34             |   | 62.5 | 125 | 8                      | 12 | 14             | 20             | 13 | 37.5           | 925.0          | 11.7           | 13.26 |
| 47 51 100                 |        | 1000.00        | 60            | 50  | 39             | 34             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 13.26 |
| 47 50 200                 | 5      | 2000.00        | 120           | 50  | 39             | 34             |   | 62.5 | 125 | 16                     | 12 | 4              | 20             | 13 | 37.5           | 1925.0         | 11.7           | 26.52 |
| 47 51 200                 |        | 2000.00        | 120           | 50  | 39             | 34             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 26.52 |
| 47 60 100                 | 6      | 1000.00        | 50            | 60  | 49             | 43             |   | 62.5 | 125 | 8                      | 16 | 18             | 26             | 17 | 37.5           | 925.0          | 15.7           | 20.12 |
| 47 61 100                 |        | 1000.00        | 50            | 60  | 49             | 43             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 20.12 |
| 47 60 200                 | 6      | 2000.00        | 100           | 60  | 49             | 43             |   | 62.5 | 125 | 16                     | 16 | 18             | 26             | 17 | 37.5           | 1925.0         | 15.7           | 40.24 |
| 47 61 200                 |        | 2000.00        | 100           | 60  | 49             | 43             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 40.24 |
| 47 80 100                 | 8      | 960.00         | 36            | 81  | 79             | 71             |   | 60.0 | 120 | 8                      | 25 | 2              | 33             | 17 | 120.0          | 720.0          | 19.7           | 44.85 |
| 47 81 100                 |        | 960.00         | 36            | 81  | 79             | 71             |   | 60.0 | 120 | without mounting holes |    |                |                |    |                |                |                | 44.85 |
| 47 80 200                 | 8      | 1920.00        | 72            | 81  | 79             | 71             |   | 60.0 | 120 | 16                     | 25 | 2              | 33             | 17 | 120.0          | 1680.0         | 19.7           | 89.71 |
| 47 81 200                 |        | 1920.00        | 72            | 81  | 79             | 71             |   | 60.0 | 120 | without mounting holes |    |                |                |    |                |                |                | 89.71 |
| 47 10 100                 | 10     | 1000.00        | 30            | 100 | 99             | 89             |   | 62.5 | 125 | 8                      | 32 | 3              | 48             | 17 | 125            | 750            | 19.7           | 69.80 |
| 47 11 100                 | 10     | 1000.00        | 30            | 100 | 99             | 89             |   | 62.5 | 125 | without mounting holes |    |                |                |    |                |                |                | 69.80 |

- 1) This rack can only be used for continuous linking with the left side
- 2) Due to the screw connection, the feed force is max. 50 % of the value for racks with L<sub>1</sub> = 1,000 mm

**Total Pitch Error:**  $GT_f / 500 \leq 0.075 \text{ mm}$   
 $GT_f / 1000 \leq 0.150 \text{ mm}$   
 $GT_f / 1500 \leq 0.225 \text{ mm}$   
 $GT_f / 2000 \leq 0.300 \text{ mm}$

- ⊗ Teeth milled
- ⊗ Heat-treatable steel according to ATLANTA-Standard