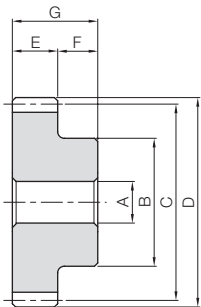




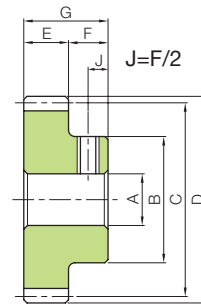
| Specifications            |                                    |
|---------------------------|------------------------------------|
| Precision grade           | JIS grade N9 (JIS B1702-1: 1998) * |
| Reference section of gear | Normal plane                       |
| Gear teeth                | Standard full depth                |
| Normal pressure angle     | 20°                                |
| Helix angle               | 45°                                |
| Material                  | CAC702 (old JIS A & BC2)           |
| Heat Treatment            | —                                  |

\* The precision grade of J Series products is equivalent to the value shown in the table.

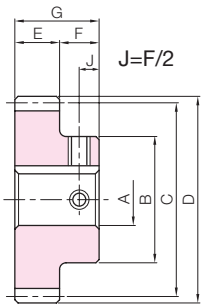


S1

J Series



S1T



S1K



To order J Series products, please specify: **Catalog No. + J + BORE.**

| Catalog Number                                         | Module | No. of teeth | Direction of helix | Shape | Bore |    | Pitch dia. | Outside dia. | Face width | Hub width | Total length | Allowable torque (N·m) | Allowable torque (kgf·m) | Backlash (mm) | Weight (kg) |
|--------------------------------------------------------|--------|--------------|--------------------|-------|------|----|------------|--------------|------------|-----------|--------------|------------------------|--------------------------|---------------|-------------|
|                                                        |        |              |                    |       | AH7  | B  |            |              |            |           |              |                        |                          |               |             |
| AN1-13R<br>AN1-13L                                     | m1     | 13           | R<br>L             | S1    | 6    | 15 | 18.38      | 20.38        | 10         | 10        | 20           | 0.31                   | 0.032                    | 0.08~0.18     | 0.029       |
| AN1-15R<br>AN1-15L                                     |        | 15           | R<br>L             |       |      | 18 | 21.21      | 23.21        |            |           |              |                        |                          |               |             |
| AN1.5-10R<br>AN1.5-10L                                 | m1.5   | 10           | R<br>L             | S1    | 8    | 16 | 21.21      | 24.21        | 15         | 10        | 25           | 0.48                   | 0.049                    | 0.10~0.22     | 0.046       |
| AN1.5-13R<br>AN1.5-13L                                 |        | 13           | R<br>L             |       |      | 23 | 27.58      | 30.58        |            |           |              |                        |                          |               |             |
| AN1.5-15R<br>AN1.5-15L                                 |        | 15           | R<br>L             |       |      | 25 | 31.82      | 34.82        |            |           |              |                        |                          |               |             |
| AN2-10R<br>AN2-10L                                     | m2     | 10           | R<br>L             | S1    | 12   | 22 | 28.28      | 32.28        | 20         | 15        | 35           | 1.10                   | 0.11                     | 0.12~0.26     | 0.11        |
| AN2-13R<br>AN2-13L                                     |        | 13           | R<br>L             |       |      | 30 | 36.77      | 40.77        |            |           |              |                        |                          |               |             |
| AN2-15R<br>AN2-15L                                     |        | 15           | R<br>L             |       |      | 35 | 42.43      | 46.43        |            |           |              |                        |                          |               |             |
| AN2.5-10R (Made to Order)<br>AN2.5-10L (Made to Order) | m2.5   | 10           | R<br>L             | S1    | 12   | 26 | 35.36      | 40.36        | 22         | 16        | 38           | 2.11                   | 0.22                     | 0.14~0.28     | 0.20        |
| AN2.5-13R (Made to Order)<br>AN2.5-13L (Made to Order) |        | 13           | R<br>L             |       |      | 35 | 45.96      | 50.96        |            |           |              |                        |                          |               |             |
| AN2.5-15R (Made to Order)<br>AN2.5-15L (Made to Order) |        | 15           | R<br>L             |       |      | 40 | 53.03      | 58.03        |            |           |              |                        |                          |               |             |
| AN3-10R (Made to Order)<br>AN3-10L (Made to Order)     | m3     | 10           | R<br>L             | S1    | 15   | 34 | 42.43      | 48.43        | 25         | 18        | 43           | 3.56                   | 0.36                     | 0.14~0.32     | 0.34        |
| AN3-13R (Made to Order)<br>AN3-13L (Made to Order)     |        | 13           | R<br>L             |       |      | 45 | 55.15      | 61.15        |            |           |              |                        |                          |               |             |
| AN3-15R (Made to Order)<br>AN3-15L (Made to Order)     |        | 15           | R<br>L             |       |      | 50 | 63.64      | 69.64        |            |           |              |                        |                          |               |             |

[Precautions for Made to Order Products] ① Prices and lead times for Made to Order products require separate estimates. Contact your dealer.

| Bore H7         | * The product shapes of J Series items are identified by background color. |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
|-----------------|----------------------------------------------------------------------------|----|-------|----|-------|----|----|----|-------|----|----|----|-------|----|----|--|
|                 | 6                                                                          | 8  | 10    | 12 | 14    | 15 | 16 | 17 | 18    | 19 | 20 | 22 | 25    | 28 | 30 |  |
| Keyway Js9      | —                                                                          |    | 4x1.8 |    | 5x2.3 |    |    |    | 6x2.8 |    |    |    | 8x3.3 |    |    |  |
| Screw size      | —                                                                          |    | 4x1.8 |    | 5x2.3 |    |    |    | 6x2.8 |    |    |    | 8x3.3 |    |    |  |
| Catalog Number  | M4                                                                         | M5 | M4    |    |       |    | M5 |    |       |    | M6 |    |       |    |    |  |
| AN1-13RJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1-13LJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1-15RJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1-15LJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-10RJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-10LJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-13RJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-13LJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-15RJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN1.5-15LJ BORE |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-10RJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-10LJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-13RJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-13LJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-15RJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |
| AN2-15LJ BORE   |                                                                            |    |       |    |       |    |    |    |       |    |    |    |       |    |    |  |

[Caution on J series] ① Cancellation is not possible for made-to-order products. See page 42 for lead times and allowable order quantities. See page 44 for other precautions.



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