

## Sprockets

| Code  | Type      | Material |        | Heat Treatment               | Surface Treatment |
|-------|-----------|----------|--------|------------------------------|-------------------|
|       |           | GB       | Equiv. |                              |                   |
| VLC01 | 25 Series | 45       | S45C   | Induction Hardened Teeth Tip | Black Oxide       |
| VLC11 |           | 0Cr18Ni9 | SUS304 | —                            | —                 |

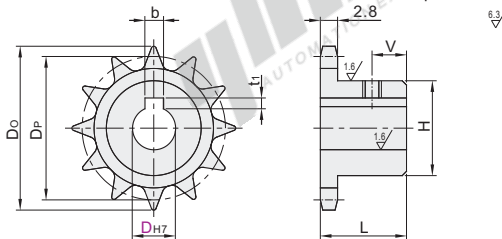
## Chains

| Code  | Type      | Pitch(P) | Material        |
|-------|-----------|----------|-----------------|
| VMC01 | 25 Series | 6.35     | Steel           |
| VMC11 |           |          | Stainless Steel |

❗ 25 series sprockets and chains cannot be combined with 04B series sprockets and chains.

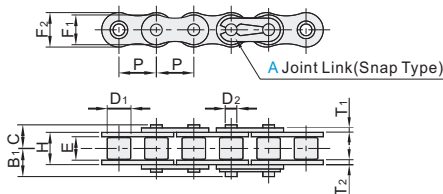
## Sprockets

VLC01/11



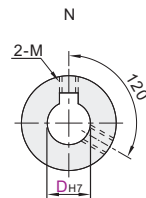
## Chains

VMC01/11



- ❗ When the number of chain links is even, the product comes with a full buckle joint;  
 ❗ When the number of chain links is odd, the product comes with a full buckle joint and a half buckle joint;  
 ❗ For additional connectors, Pxxx can be ordered separately.

Shaft Bore Specs.  
(New JIS Key + Tap)



- ❗ Offset between tooth tip and keyway is  $\pm 0.5\text{mm}$ .  
 ❗ Due to process problems, it is impossible to ensure that the keyways of multiple products coincide with the tooth top.

## Shaft Bore Machining Dimension Table

| Shaft Bore Dia.<br>D | Keyway<br>b×t <sub>1</sub> | Set Screw<br>M |
|----------------------|----------------------------|----------------|
| 10                   | 3×1.4                      | 4              |
| 12                   | 4×1.8                      | 5              |
| 14~17                | 5×2.3                      | 6              |
| 18~20                | 6×2.8                      | 6              |



The first perspective

## Sprockets

| Part Number<br>Code | Number of Teeth | Shaft Bore Dia.<br>D <sub>H7</sub> |    | D <sub>o</sub> | D <sub>p</sub> | Hub |    | V |
|---------------------|-----------------|------------------------------------|----|----------------|----------------|-----|----|---|
|                     |                 |                                    |    |                |                | H   | L  |   |
| VLC01-25            | 16              | 10                                 | 12 | 36             | 32.55          | 25  |    |   |
|                     | 17              | 10                                 | 12 | 38             | 34.56          |     |    |   |
|                     | 18              | 10                                 | 12 | 40             | 36.57          |     |    |   |
|                     | 19              | 10                                 | 12 | 42             | 38.58          |     |    |   |
|                     | 20              | 10                                 | 12 | 44             | 40.59          | 28  |    |   |
|                     | 21              | 10                                 | 12 | 46             | 42.61          |     |    |   |
|                     | 22              | 12                                 | 15 | 48             | 44.62          |     | 15 | 6 |
|                     | 23              | 12                                 | 15 | 50             | 46.63          |     |    |   |
|                     | 24              | 12                                 | 15 | 52             | 48.65          | 30  |    |   |
|                     | 25              | 12                                 | 15 | 54             | 50.66          |     |    |   |
|                     | 26              | 12                                 | 15 | 56             | 52.68          |     |    |   |
|                     | 27              | 12                                 | 15 | 58             | 54.70          |     |    |   |
|                     | 28              | 12                                 | 15 | 60             | 56.71          | 35  |    |   |
|                     | 30              | 12                                 | 15 | 64             | 60.75          |     |    |   |
|                     | 32              | 15                                 | 16 | 68             | 64.78          |     |    |   |
|                     | 34              | 15                                 | 16 | 72             | 68.82          | 40  |    |   |
|                     | 35              | 15                                 | 16 | 74             | 70.84          |     |    |   |
|                     | 36              | 15                                 | 16 | 76             | 72.86          |     | 20 | 8 |
|                     | 38              | 15                                 | 16 | 80             | 76.90          |     |    |   |
|                     | 40              | 15                                 | 16 | 84             | 80.93          |     |    |   |
| VLC11-25            | 16              | 10                                 |    | 36             | 32.55          | 21  |    |   |
|                     | 17              | 10                                 |    | 38             | 34.56          | 23  |    |   |
|                     | 18              | 10                                 |    | 40             | 36.57          | 25  | 16 | 6 |
|                     | 19              | 10                                 | 12 | 42             | 38.58          | 26  |    |   |
|                     | 20              | 10                                 | 12 | 44             | 40.59          | 28  |    |   |
|                     | 21              | 12                                 | 15 | 46             | 42.61          |     |    |   |
|                     | 22              | 12                                 | 15 | 48             | 44.62          |     |    |   |
|                     | 23              | 12                                 | 15 | 50             | 46.63          |     |    |   |
|                     | 24              | 12                                 | 15 | 52             | 48.65          |     |    |   |
|                     | 25              | 12                                 | 15 | 54             | 50.66          | 30  | 18 | 7 |
|                     | 26              | 12                                 | 15 | 56             | 52.68          |     |    |   |
|                     | 27              | 12                                 | 15 | 58             | 54.70          |     |    |   |
|                     | 28              | 12                                 | 15 | 60             | 56.71          |     |    |   |
|                     | 30              | 12                                 | 15 | 64             | 60.75          |     |    |   |
|                     | 32              | 12                                 | 15 | 68             | 64.78          |     |    |   |

## Chains

| Part Number<br>Code  | Number of Links | Joint Link   | Interior Height |                | Roller |                | Pin            |                | Chain Link     |      |                |                |
|----------------------|-----------------|--------------|-----------------|----------------|--------|----------------|----------------|----------------|----------------|------|----------------|----------------|
|                      |                 |              | E               | D <sub>1</sub> | C      | B <sub>1</sub> | D <sub>2</sub> | T <sub>1</sub> | T <sub>2</sub> | H    | F <sub>1</sub> | F <sub>2</sub> |
| VMC01-25<br>VMC11-25 | 4~              | A(Snap Type) | 3.18            | 3.30           | 3.85   | 4.65           | 2.31           | 0.76           | 0.76           | 4.80 | 5.21           | 6.02           |

## Sprockets

| Part Number | D <sub>H7</sub> |
|-------------|-----------------|
| Code        | Number of Teeth |
| VLC01-25    | 16 10 12        |
| VLC11-25    | 17 10 12        |

## Chains

| Part Number | Number of Links |
|-------------|-----------------|
| Code        | Number of Links |
| VMC01-25    | 4~              |
| VMC11-25    | 4~              |



| Discount price                  |
|---------------------------------|
| Per 1~9 10~                     |
| Price 100% Additional quotation |



Sprockets(S45C)



Sprockets(SUS304)



Chains



VLC01-25 — 16 — D10

VMC01-25 — 50