

## Käsipyörät • DIN 950 valurautaa EH 24580.



### Tuotekuvaus

Napa koneistettu, kehä sorvattu, reunus kiillotettu joka puolelta, koneistamattomat pinnat puhallettu puhtaaksi.

### Materiaali

#### Käsipyörä

- Valurauta GG

#### Konekahva DIN 39 EH 24450.

- Teräs, sorvattu, galvanoitu, passivoitu

#### Pyörivä konekahva DIN 98 EH 24460.

- Teräs, sorvattu, galvanoitu, passivoitu

### Asennus

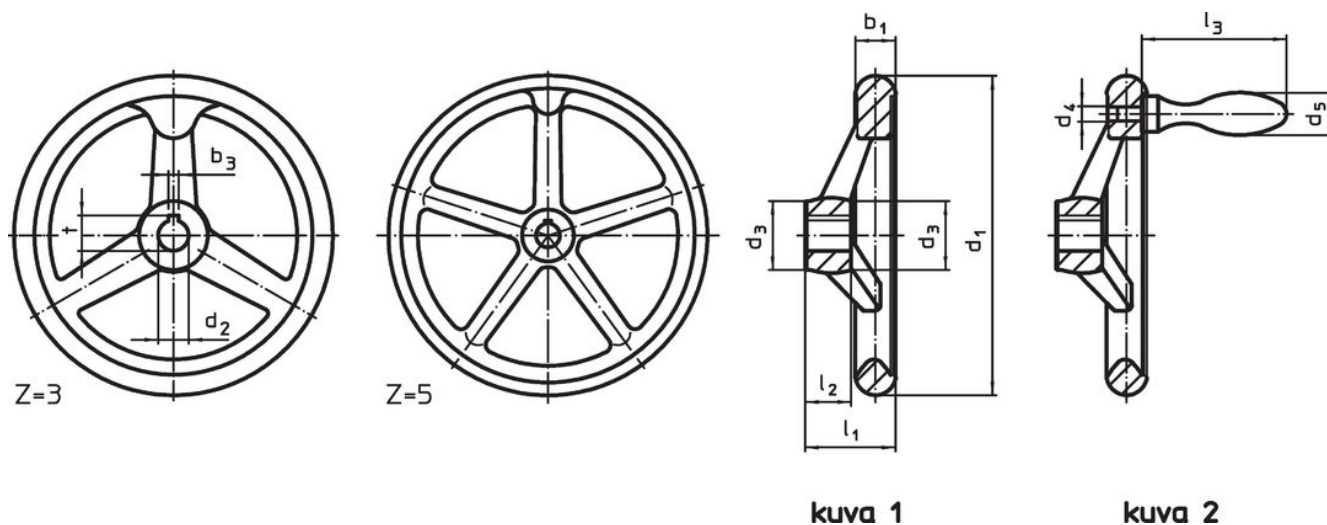
Kiinnitysaluslevy EH 22270. aksiaalista kiinnitystä varten.

### Lisätietoja

#### Lisää tuotteita

- Kiinnitysaluslevyt
- Pyörivät kahvat, DIN 98


### Piirustus




Napamutteri voi poiketa piirustuksen esittämästä.

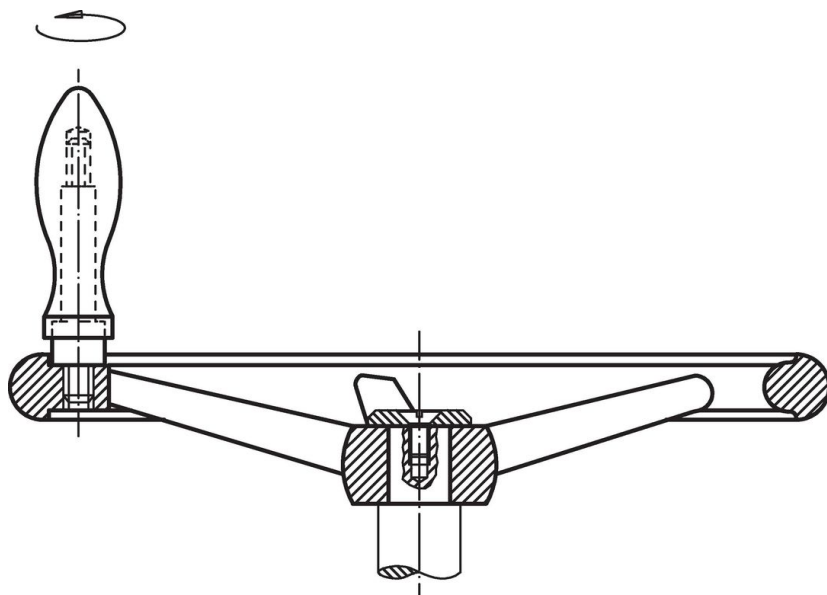
### Tilaustiedot

| Ulkomitat  |                      |                |                |                |                     |                |                     |                | Navan kiilaura,<br>DIN 6885 sivu 1 |      | Varsien-<br>lukumäärä<br>z | Sopiva kahva<br>DIN 39 / DIN 98 | [g]        | Til.nro |
|--|----------------------|----------------|----------------|----------------|---------------------|----------------|---------------------|----------------|------------------------------------|------|----------------------------|---------------------------------|------------|---------|
| d <sub>1</sub>   | d <sub>2</sub><br>H7 | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | l <sub>1</sub><br>~ | l <sub>2</sub> | l <sub>3</sub><br>~ | b <sub>3</sub> | t                                  | [mm] |                            |                                 |            |         |
| [mm]   |                      |                |                |                |                     |                |                     |                | [mm]                               |      | [mm]                       | [g]                             |            |         |
| Ilman kiilauraa, ilman kahvaa, muoto B-F/A (vanha: A 4) – Kuva 1 |                      |                |                |                |                     |                |                     |                |                                    |      |                            |                                 |            |         |
| 80   | 10                   | 24             | –              | –              | 29                  | 16             | –                   | –              | –                                  | 3    | –                          | 304                             | 24580.0000 |         |
| 80   | 12                   | 24             | –              | –              | 29                  | 16             | –                   | –              | –                                  | 3    | –                          | 319                             | 24580.0001 |         |
| 100  | 10                   | 26             | –              | –              | 33                  | 17             | –                   | –              | –                                  | 3    | –                          | 486                             | 24580.0005 |         |
| 100  | 12                   | 26             | –              | –              | 33                  | 17             | –                   | –              | –                                  | 3    | –                          | 506                             | 24580.0006 |         |
| 125  | 12                   | 28             | –              | –              | 36                  | 18             | –                   | –              | –                                  | 3    | –                          | 720                             | 24580.0010 |         |
| 125  | 14                   | 28             | –              | –              | 36                  | 18             | –                   | –              | –                                  | 3    | –                          | 750                             | 24580.0011 |         |
| 140  | 14                   | 30             | –              | –              | 39                  | 19             | –                   | –              | –                                  | 3    | –                          | 865                             | 24580.0015 |         |
| 140  | 16                   | 30             | –              | –              | 39                  | 19             | –                   | –              | –                                  | 3    | –                          | 907                             | 24580.0016 |         |
| 160  | 14                   | 32             | –              | –              | 40                  | 20             | –                   | –              | –                                  | 3    | –                          | 1151                            | 24580.0020 |         |
| 160  | 16                   | 32             | –              | –              | 40                  | 20             | –                   | –              | –                                  | 3    | –                          | 1145                            | 24580.0021 |         |
| 200  | 18                   | 38             | –              | –              | 45                  | 24             | –                   | –              | –                                  | 3    | –                          | 2218                            | 24580.0030 |         |
| 200  | 22                   | 38             | –              | –              | 45                  | 24             | –                   | –              | –                                  | 3    | –                          | 2168                            | 24580.0031 |         |
| 250  | 22                   | 45             | –              | –              | 50                  | 28             | –                   | –              | –                                  | 5    | –                          | 3740                            | 24580.0040 |         |
| 250  | 26                   | 45             | –              | –              | 50                  | 28             | –                   | –              | –                                  | 5    | –                          | 3621                            | 24580.0041 |         |
| 315  | 26                   | 53             | –              | –              | 56                  | 33             | –                   | –              | –                                  | 5    | –                          | 6180                            | 24580.0045 |         |
| 315  | 30                   | 53             | –              | –              | 56                  | 33             | –                   | –              | –                                  | 5    | –                          | 5800                            | 24580.0046 |         |
| 400  | 30                   | 65             | –              | –              | 63                  | 38             | –                   | –              | –                                  | 5    | –                          | 9500                            | 24580.0050 |         |
| 400  | 34                   | 65             | –              | –              | 63                  | 38             | –                   | –              | –                                  | 5    | –                          | 9500                            | 24580.0051 |         |

| Ulkomitat   |                      |                |                |                |                     |                |                     |                | Navan kiilaura,<br>DIN 6885 sivu 1 |   | Varsien-<br>lukumäärä | Sopiva kahva<br>DIN 39 / DIN 98 |  | Til.nro |
|---|----------------------|----------------|----------------|----------------|---------------------|----------------|---------------------|----------------|------------------------------------|---|-----------------------|---------------------------------|---|---------|
| d <sub>1</sub>  | d <sub>2</sub><br>H7 | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | l <sub>1</sub><br>~ | l <sub>2</sub> | l <sub>3</sub><br>~ | b <sub>3</sub> | t                                  | z | DIN 39 / DIN 98       | [g]                             |   |         |
| [mm]  |                      |                |                |                |                     |                |                     |                | [mm]                               |   |                       | [mm]                            | [g]   |         |
| <b>kiilauralla, ilman kahvaa, muoto N-F/A (vanha: A 3) – Kuva 1</b>                                 |                      |                |                |                |                     |                |                     |                |                                    |   |                       |                                 |   |         |
| 80  | 10                   | 24             | –              | –              | 29                  | 16             | –                   | 3              | 11,4                               | 3 | –                     | 288                             | 24580.0100  |         |
| 80  | 12                   | 24             | –              | –              | 29                  | 16             | –                   | 4              | 13,8                               | 3 | –                     | 287                             | 24580.0101  |         |
| 100   | 10                   | 26             | –              | –              | 33                  | 17             | –                   | 3              | 11,4                               | 3 | –                     | 500                             | 24580.0105  |         |
| 100   | 12                   | 26             | –              | –              | 33                  | 17             | –                   | 4              | 13,8                               | 3 | –                     | 500                             | 24580.0106  |         |
| 125   | 12                   | 28             | –              | –              | 36                  | 18             | –                   | 4              | 13,8                               | 3 | –                     | 750                             | 24580.0110  |         |
| 125   | 14                   | 28             | –              | –              | 36                  | 18             | –                   | 5              | 16,3                               | 3 | –                     | 723                             | 24580.0111  |         |
| 140   | 14                   | 30             | –              | –              | 39                  | 19             | –                   | 5              | 16,3                               | 3 | –                     | 902                             | 24580.0115  |         |
| 140   | 16                   | 30             | –              | –              | 39                  | 19             | –                   | 5              | 18,3                               | 3 | –                     | 940                             | 24580.0116  |         |
| 160   | 14                   | 32             | –              | –              | 40                  | 20             | –                   | 5              | 16,3                               | 3 | –                     | 1139                            | 24580.0120  |         |
| 160   | 16                   | 32             | –              | –              | 40                  | 20             | –                   | 5              | 18,3                               | 3 | –                     | 1217                            | 24580.0121  |         |
| 200   | 18                   | 38             | –              | –              | 45                  | 24             | –                   | 6              | 20,8                               | 3 | –                     | 2142                            | 24580.0130  |         |
| 200   | 22                   | 38             | –              | –              | 45                  | 24             | –                   | 6              | 24,8                               | 3 | –                     | 1909                            | 24580.0131  |         |
| 250   | 22                   | 45             | –              | –              | 50                  | 28             | –                   | 6              | 24,8                               | 5 | –                     | 3652                            | 24580.0140  |         |
| 250   | 26                   | 45             | –              | –              | 50                  | 28             | –                   | 8              | 29,3                               | 5 | –                     | 3635                            | 24580.0141  |         |
| 315   | 26                   | 53             | –              | –              | 56                  | 33             | –                   | 8              | 29,3                               | 5 | –                     | 1157                            | 24580.0145  |         |
| 315   | 30                   | 53             | –              | –              | 56                  | 33             | –                   | 8              | 33,3                               | 5 | –                     | 5800                            | 24580.0146  |         |
| 400   | 30                   | 65             | –              | –              | 63                  | 38             | –                   | 8              | 33,3                               | 5 | –                     | 10650                           | 24580.0150  |         |
| 400   | 34                   | 65             | –              | –              | 63                  | 38             | –                   | 10             | 37,3                               | 5 | –                     | 11600                           | 24580.0151  |         |
| <b>Ilman kiilauraa, pyörivällä kahvalla EH 24460., asennettu, muoto B-F/G (vanha :D 4) – Kuva 2</b> |                      |                |                |                |                     |                |                     |                |                                    |   |                       |                                 |   |         |
| 80  | 10                   | 24             | M 6            | 16             | 29                  | 16             | 49                  | –              | –                                  | 3 | 16                    | 410                             | 24580.0200  |         |
| 80  | 12                   | 24             | M 6            | 16             | 29                  | 16             | 49                  | –              | –                                  | 3 | 16                    | 410                             | 24580.0201  |         |
| 100   | 10                   | 26             | M 6            | 16             | 33                  | 17             | 49                  | –              | –                                  | 3 | 16                    | 550                             | 24580.0205  |         |
| 100   | 12                   | 26             | M 6            | 16             | 33                  | 17             | 49                  | –              | –                                  | 3 | 16                    | 550                             | 24580.0206  |         |
| 125   | 12                   | 28             | M 8            | 20             | 36                  | 18             | 61                  | –              | –                                  | 3 | 20                    | 850                             | 24580.0210  |         |
| 125   | 14                   | 28             | M 8            | 20             | 36                  | 18             | 61                  | –              | –                                  | 3 | 20                    | 850                             | 24580.0211  |         |
| 140   | 14                   | 30             | M 8            | 20             | 39                  | 19             | 61                  | –              | –                                  | 3 | 20                    | 1040                            | 24580.0215  |         |
| 140   | 16                   | 30             | M 8            | 20             | 39                  | 19             | 61                  | –              | –                                  | 3 | 20                    | 1040                            | 24580.0216  |         |
| 160   | 14                   | 32             | M10            | 25             | 40                  | 20             | 75                  | –              | –                                  | 3 | 25                    | 1390                            | 24580.0220  |         |
| 160   | 16                   | 32             | M10            | 25             | 40                  | 20             | 75                  | –              | –                                  | 3 | 25                    | 1390                            | 24580.0221  |         |
| 200   | 18                   | 38             | M10            | 25             | 45                  | 24             | 75                  | –              | –                                  | 3 | 25                    | 2190                            | 24580.0230  |         |
| 200   | 22                   | 38             | M10            | 25             | 45                  | 24             | 75                  | –              | –                                  | 3 | 25                    | 2190                            | 24580.0231  |         |
| 250   | 22                   | 45             | M12            | 32             | 50                  | 28             | 95                  | –              | –                                  | 5 | 32                    | 4185                            | 24580.0240  |         |
| 250   | 26                   | 45             | M12            | 32             | 50                  | 28             | 95                  | –              | –                                  | 5 | 32                    | 4185                            | 24580.0241  |         |
| 315   | 26                   | 53             | M12            | 32             | 56                  | 33             | 95                  | –              | –                                  | 5 | 32                    | 6185                            | 24580.0245  |         |
| 315   | 30                   | 53             | M12            | 32             | 56                  | 33             | 95                  | –              | –                                  | 5 | 32                    | 6185                            | 24580.0246  |         |
| 400   | 30                   | 65             | M16            | 36             | 63                  | 38             | 106                 | –              | –                                  | 5 | 36                    | 10500                           | 24580.0250  |         |
| 400   | 34                   | 65             | M16            | 36             | 63                  | 38             | 106                 | –              | –                                  | 5 | 36                    | 10500                           | 24580.0251  |         |
| <b>Uralla, pyörivällä kahvalla EH 24460., asennettu, muoto N-F/G (vanha: D 3) – Kuva 2</b>          |                      |                |                |                |                     |                |                     |                |                                    |   |                       |                                 |   |         |
| 80  | 10                   | 24             | M 6            | 16             | 29                  | 16             | 49                  | 3              | 11,4                               | 3 | 16                    | 410                             | 24580.0300  |         |
| 80  | 12                   | 24             | M 6            | 16             | 29                  | 16             | 49                  | 4              | 13,8                               | 3 | 16                    | 410                             | 24580.0301  |         |
| 100   | 10                   | 26             | M 6            | 16             | 33                  | 17             | 49                  | 3              | 11,4                               | 3 | 16                    | 550                             | 24580.0305  |         |
| 100   | 12                   | 26             | M 6            | 16             | 33                  | 17             | 49                  | 4              | 13,8                               | 3 | 16                    | 550                             | 24580.0306  |         |
| 125   | 12                   | 28             | M 8            | 20             | 36                  | 18             | 61                  | 4              | 13,8                               | 3 | 20                    | 850                             | 24580.0310  |         |
| 125   | 14                   | 28             | M 8            | 20             | 36                  | 18             | 61                  | 5              | 16,3                               | 3 | 20                    | 850                             | 24580.0311  |         |
| 140   | 14                   | 30             | M 8            | 20             | 39                  | 19             | 61                  | 5              | 16,3                               | 3 | 20                    | 1040                            | 24580.0315  |         |
| 140   | 16                   | 30             | M 8            | 20             | 39                  | 19             | 61                  | 5              | 18,3                               | 3 | 20                    | 1040                            | 24580.0316  |         |
| 160   | 14                   | 32             | M10            | 25             | 40                  | 20             | 75                  | 5              | 16,3                               | 3 | 25                    | 1390                            | 24580.0320  |         |
| 160   | 16                   | 32             | M10            | 25             | 40                  | 20             | 75                  | 5              | 18,3                               | 3 | 25                    | 1390                            | 24580.0321  |         |
| 200   | 18                   | 38             | M10            | 25             | 45                  | 24             | 75                  | 6              | 20,8                               | 3 | 25                    | 2190                            | 24580.0330  |         |
| 200   | 22                   | 38             | M10            | 25             | 45                  | 24             | 75                  | 6              | 24,8                               | 3 | 25                    | 2190                            | 24580.0331  |         |
| 250   | 22                   | 45             | M12            | 32             | 50                  | 28             | 95                  | 6              | 24,8                               | 5 | 32                    | 4185                            | 24580.0340  |         |
| 250   | 26                   | 45             | M12            | 32             | 50                  | 28             | 95                  | 8              | 29,3                               | 5 | 32                    | 4185                            | 24580.0341  |         |
| 315   | 26                   | 53             | M12            | 32             | 56                  | 33             | 95                  | 8              | 29,3                               | 5 | 32                    | 6185                            | 24580.0345  |         |
| 315   | 30                   | 53             | M12            | 32             | 56                  | 33             | 95                  | 8              | 33,3                               | 5 | 32                    | 6185                            | 24580.0346  |         |
| 400   | 30                   | 65             | M16            | 36             | 63                  | 38             | 106                 | 8              | 33,3                               | 5 | 36                    | 10500                           | 24580.0350  |         |
| 400   | 34                   | 65             | M16            | 36             | 63                  | 38             | 106                 | 10             | 37,3                               | 5 | 36                    | 10500                           | 24580.0351  |         |

| Ulkomitat   |                      |                |                |                |                     |                |                     | Navan kiilaura,<br>DIN 6885 sivu 1 |      | Varsien-<br>lukumäärä | Sopiva kahva<br>DIN 39 / DIN 98 |  | Til.nro    |
|---|----------------------|----------------|----------------|----------------|---------------------|----------------|---------------------|------------------------------------|------|-----------------------|---------------------------------|---|------------|
| d <sub>1</sub>  | d <sub>2</sub><br>H7 | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | l <sub>1</sub><br>~ | l <sub>2</sub> | l <sub>3</sub><br>~ | b <sub>3</sub>                     | t    | z                     | [mm]                            | [g]   |            |
| [mm]  |                      |                |                |                |                     |                |                     | [mm]                               |      |                       |                                 |   |            |
| <b>Ilman kiilauraa, kiinteällä kahvalla EH 24450., asennettu, muoto B-F/G (vanha: F 4) – Kuva 2</b> |                      |                |                |                |                     |                |                     |                                    |      |                       |                                 |   |            |
| 80  | 10                   | 24             | M 6            | 16             | 29                  | 16             | 50                  | –                                  | –    | 3                     | 16                              | 410   | 24580.0400 |
| 80  | 12                   | 24             | M 6            | 16             | 29                  | 16             | 50                  | –                                  | –    | 3                     | 16                              | 410   | 24580.0401 |
| 100   | 10                   | 26             | M 6            | 16             | 33                  | 17             | 50                  | –                                  | –    | 3                     | 16                              | 550   | 24580.0405 |
| 100   | 12                   | 26             | M 6            | 16             | 33                  | 17             | 50                  | –                                  | –    | 3                     | 16                              | 550   | 24580.0406 |
| 125   | 12                   | 28             | M 8            | 20             | 36                  | 18             | 64                  | –                                  | –    | 3                     | 20                              | 835   | 24580.0410 |
| 125   | 14                   | 28             | M 8            | 20             | 36                  | 18             | 64                  | –                                  | –    | 3                     | 20                              | 835   | 24580.0411 |
| 140   | 14                   | 30             | M 8            | 20             | 39                  | 19             | 64                  | –                                  | –    | 3                     | 20                              | 1025  | 24580.0415 |
| 140   | 16                   | 30             | M 8            | 20             | 39                  | 19             | 64                  | –                                  | –    | 3                     | 20                              | 1025  | 24580.0416 |
| 160   | 14                   | 32             | M10            | 25             | 40                  | 20             | 80                  | –                                  | –    | 3                     | 25                              | 1380  | 24580.0420 |
| 160   | 16                   | 32             | M10            | 25             | 40                  | 20             | 80                  | –                                  | –    | 3                     | 25                              | 1380  | 24580.0421 |
| 200   | 18                   | 38             | M10            | 25             | 45                  | 24             | 80                  | –                                  | –    | 3                     | 25                              | 2180  | 24580.0430 |
| 200   | 22                   | 38             | M10            | 25             | 45                  | 24             | 80                  | –                                  | –    | 3                     | 25                              | 2180  | 24580.0431 |
| 250   | 22                   | 45             | M12            | 32             | 50                  | 28             | 100                 | –                                  | –    | 5                     | 32                              | 4160  | 24580.0440 |
| 250   | 26                   | 45             | M12            | 32             | 50                  | 28             | 100                 | –                                  | –    | 5                     | 32                              | 4160  | 24580.0441 |
| 315   | 26                   | 53             | M12            | 32             | 56                  | 33             | 100                 | –                                  | –    | 5                     | 32                              | 6160  | 24580.0445 |
| 315   | 30                   | 53             | M12            | 32             | 56                  | 33             | 100                 | –                                  | –    | 5                     | 32                              | 6160  | 24580.0446 |
| 400   | 30                   | 65             | M16            | 36             | 63                  | 38             | 112                 | –                                  | –    | 5                     | 36                              | 10460   | 24580.0450 |
| 400   | 34                   | 65             | M16            | 36             | 63                  | 38             | 112                 | –                                  | –    | 5                     | 36                              | 10460   | 24580.0451 |
| <b>Uralla, kiinteällä kahvalla EH 24450., asennettuna, muoto N-F/G (vanha: F 3) – Kuva 2</b>        |                      |                |                |                |                     |                |                     |                                    |      |                       |                                 |   |            |
| 80  | 10                   | 24             | M 6            | 16             | 29                  | 16             | 50                  | 3                                  | 11,4 | 3                     | 16                              | 410   | 24580.0500 |
| 80  | 12                   | 24             | M 6            | 16             | 29                  | 16             | 50                  | 4                                  | 13,8 | 3                     | 16                              | 410   | 24580.0501 |
| 100   | 10                   | 26             | M 6            | 16             | 33                  | 17             | 50                  | 3                                  | 11,4 | 3                     | 16                              | 550   | 24580.0505 |
| 100   | 12                   | 26             | M 6            | 16             | 33                  | 17             | 50                  | 4                                  | 13,8 | 3                     | 16                              | 550   | 24580.0506 |
| 125   | 12                   | 28             | M 8            | 20             | 36                  | 18             | 64                  | 4                                  | 13,8 | 3                     | 20                              | 835   | 24580.0510 |
| 125   | 14                   | 28             | M 8            | 20             | 36                  | 18             | 64                  | 5                                  | 16,3 | 3                     | 20                              | 835   | 24580.0511 |
| 140   | 14                   | 30             | M 8            | 20             | 39                  | 19             | 64                  | 5                                  | 16,3 | 3                     | 20                              | 1025  | 24580.0515 |
| 140   | 16                   | 30             | M 8            | 20             | 39                  | 19             | 64                  | 5                                  | 18,3 | 3                     | 20                              | 1025  | 24580.0516 |
| 160   | 14                   | 32             | M10            | 25             | 40                  | 20             | 80                  | 5                                  | 16,3 | 3                     | 25                              | 1380  | 24580.0520 |
| 160   | 16                   | 32             | M10            | 25             | 40                  | 20             | 80                  | 5                                  | 18,3 | 3                     | 25                              | 1380  | 24580.0521 |
| 200   | 18                   | 38             | M10            | 25             | 45                  | 24             | 80                  | 6                                  | 20,8 | 3                     | 25                              | 2180  | 24580.0530 |
| 200   | 22                   | 38             | M10            | 25             | 45                  | 24             | 80                  | 6                                  | 24,8 | 3                     | 25                              | 2180  | 24580.0531 |
| 250   | 22                   | 45             | M12            | 32             | 50                  | 28             | 100                 | 6                                  | 24,8 | 5                     | 32                              | 4160  | 24580.0540 |
| 250   | 26                   | 45             | M12            | 32             | 50                  | 28             | 100                 | 8                                  | 29,3 | 5                     | 32                              | 4160  | 24580.0541 |
| 315   | 26                   | 53             | M12            | 32             | 56                  | 33             | 100                 | 8                                  | 29,3 | 5                     | 32                              | 6160  | 24580.0545 |
| 315   | 30                   | 53             | M12            | 32             | 56                  | 33             | 100                 | 8                                  | 33,3 | 5                     | 32                              | 6160  | 24580.0546 |
| 400   | 30                   | 65             | M16            | 36             | 63                  | 38             | 112                 | 8                                  | 33,3 | 5                     | 36                              | 10460   | 24580.0550 |
| 400   | 34                   | 65             | M16            | 36             | 63                  | 38             | 112                 | 10                                 | 37,3 | 5                     | 36                              | 10460   | 24580.0551 |

### Sovellusesimerkki



### Vaatimuksenmukaisuus

Tarkat sopivuustiedot nähdäksesi valitse haluttu tuotenumero.