



**SS** Stainless Steel

**2 Bore code**

- B** Without keyway
- K** With keyway
- V** With square

**4 Type**

- A** Without handle
- D** With revolving handle (only GN 227.2)

**Specification**

- **GN 227.2**  
Stainless steel A2  
European Standard No. 1.4301 (AISI 304)
  - Matte shot-blasted finish
  - Pressed stainless steel wheel body
  - Hub welded to body
- Revolving handles GN 598.1  
Plastic  
Duroplast (Phenolic PF)
  - Black, glossy finish
  - Threaded spindle  
Stainless steel  
European Standard No. 1.4305 (AISI 303)
- **GN 227.4**  
Stainless steel A4  
European Standard No. 1.4404 (AISI 316L)
  - Matte shot-blasted finish
  - Pressed stainless steel wheel body
  - Hub welded to body
- **RoHS compliant**

**Information**

The hub lengths of GN 227.2 / GN 227.4 stainless steel spoked handwheels conform to DIN 950. They are often used where a noncorrosive handwheel is necessary, such as in the marine and food industries. They are renowned for their high mechanical strength and are not affected by shock and knocks. They are of an attractive design and shape at a reasonable cost. GN 227.4 stainless steel spoked handwheels (A4 quality) are only available in type A (without handle). No mounting hole in rim for handwheel without handle. Handle shipped loose; mounting of handle is required.

*see also...*

- *Stainless Steel Countersunk Washers GN 184.5 (Stainless Steel, for Axial Fixing)*
- *Three Spoked Handwheels GN 950.6*
- *Three Spoked Handwheels GN 949*

**On request**

- Other modifications such as special through bores and square broached holes larger than listed as well as set screw holes and cross holes

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| <p>How to order (Inch, AISI 304 / A2)</p> <p style="text-align: center;"> <span style="color: red;">1</span> <span style="color: red;">2</span> <span style="color: red;">3</span> <span style="color: red;">4</span> </p> <p><b>GN 227.2-160-V1/2-D</b></p> | <b>1</b> Handwheel diameter $d_1$        |
|  | <b>2</b> Bore code                       |
|  | <b>3</b> Square s (Bore diameter $d_2$ ) |
|  | <b>4</b> Type                            |

|  |   |
|--|---|
| <p>How to order (Metric, AISI 316L / A4)</p> <p style="text-align: center;"> <span style="color: red;">1</span> <span style="color: red;">2</span> <span style="color: red;">3</span> <span style="color: red;">4</span> </p> <p><b>GN 227.4-200-B 14 -A</b></p> | <b>1</b> Handwheel diameter $d_1$       |
|  | <b>2</b> Bore code                      |
|  | <b>3</b> Bore diameter $d_2$ (Square s) |
|  | <b>4</b> Type                           |

## Inch table

Dimensions in: inches - *millimeters*

| <sup>1</sup><br><b>d<sub>1</sub></b> | <sup>3</sup><br><b>d<sub>2</sub> +0.002</b><br>Bore | <sup>3</sup><br><b>s +0.002</b><br>Square | <b>b</b>   | <b>d<sub>3</sub></b> | <b>l<sub>1</sub></b> | <b>l<sub>2</sub> ≈</b> | <b>l<sub>3</sub></b> | <b>r</b>    | <b>Ø</b><br>Handle | No. of spokes | Thickness<br>of pressed<br>stainless steel |
|--------------------------------------|---|---|------------|----------------------|----------------------|------------------------|----------------------|-------------|--------------------|---------------|--|
| 6.30<br>160                          | 1/2   | V 1/2                                     | .87<br>22  | 1.18<br>30           | .79<br>20            | 1.54<br>39             | 3.27<br>83           | 2.68<br>68  | 1.02<br>26         | 4             | .08<br>2                                   |
| 7.87<br>200                          | 5/8   | V 5/8                                     | .87<br>22  | 1.57<br>40           | .94<br>24            | 1.73<br>44             | 3.27<br>83           | 3.46<br>88  | 1.02<br>26         | 4             | .10<br>2.5                                 |
| 9.84<br>250                          | 3/4   | V 3/4                                     | 1.18<br>30 | 1.77<br>45           | 1.10<br>28           | 2.05<br>52             | 3.66<br>93           | 4.25<br>108 | 1.10<br>28         | 5             | .12<br>3                                   |
| 12.40<br>315                         | 7/8   | V 7/8                                     | 1.42<br>36 | 2.17<br>55           | 1.30<br>33           | 2.52<br>64             | 3.66<br>93           | 5.43<br>138 | 1.10<br>28         | 5             | .12<br>3                                   |
| 15.75<br>400                         | 1.00  | V 1.00                                    | 1.69<br>43 | 2.56<br>65           | 1.50<br>38           | 3.19<br>81             | 3.66<br>93           | 7.01<br>178 | 1.10<br>28         | 5             | .12<br>3                                   |

## Metric table

Dimensions in: millimeters - *inches*

| <sup>1</sup><br><b>d<sub>1</sub></b> | <sup>3</sup><br><b>d<sub>2</sub> H9</b><br>Bore | <sup>3</sup><br><b>s H11</b><br>Square | <b>b</b>   | <b>d<sub>3</sub></b> | <b>l<sub>1</sub></b> | <b>l<sub>2</sub> ≈</b> | <b>l<sub>3</sub></b> | <b>r</b>    | <b>Ø</b><br>Handle | No. of spokes | Thickness<br>of pressed<br>stainless steel |
|--------------------------------------|---|--|------------|----------------------|----------------------|------------------------|----------------------|-------------|--------------------|---------------|--|
| 160<br>6.30                          | 12  | V 12                                   | 22<br>.87  | 30<br>1.18           | 20<br>.79            | 39<br>1.54             | 83<br>3.27           | 68<br>2.68  | 26<br>1.02         | 4             | 2<br>.08                                   |
| 200<br>7.87                          | 14  | V 14                                   | 22<br>.87  | 40<br>1.57           | 24<br>.94            | 44<br>1.73             | 83<br>3.27           | 88<br>3.46  | 26<br>1.02         | 4             | 2.5<br>.10                                 |
| 250<br>9.84                          | 17  | V 17                                   | 30<br>1.18 | 45<br>1.77           | 28<br>1.10           | 52<br>2.05             | 93<br>3.66           | 108<br>4.25 | 28<br>1.10         | 5             | 3<br>.12                                   |
| 315<br>12.40                         | 19  | V 19                                   | 36<br>1.42 | 55<br>2.17           | 33<br>1.30           | 64<br>2.52             | 93<br>3.66           | 138<br>5.43 | 28<br>1.10         | 5             | 3<br>.12                                   |
| 400<br>15.75                         | 24  | V 24                                   | 43<br>1.69 | 65<br>2.56           | 38<br>1.50           | 81<br>3.19             | 93<br>3.66           | 178<br>7.01 | 28<br>1.10         | 5             | 3<br>.12                                   |