

Hinges

Zinc die casting / Stainless Steel, adjustable

SPECIFICATION

Types

- Type **H**: horizontal adjustable
- Type **B**: vertical adjustable
- Type **HB**: vertical and/or horizontal adjustable
- Type **D**: with through-holes
- Type **DH**: with through-holes, horizontal adjustable
- Type **DB**: with through-holes, vertical adjustable

Version in Zinc die casting

Zinc die casting **ZD**

plastic coated

black, RAL 9005, textured finish **SW**

silver, RAL 9006, textured finish **SR**

Version in Stainless Steel

Stainless Steel

- AISI CF-8 **NI**

- matte shot-blasted **GS**

Pin

Stainless Steel AISI 316Ti



INFORMATION

Hinges GN 235 are adjustable in height or width along the slots, depending on the design, and are fastened with hex-head, oval-head or cylinder screws with a low head.

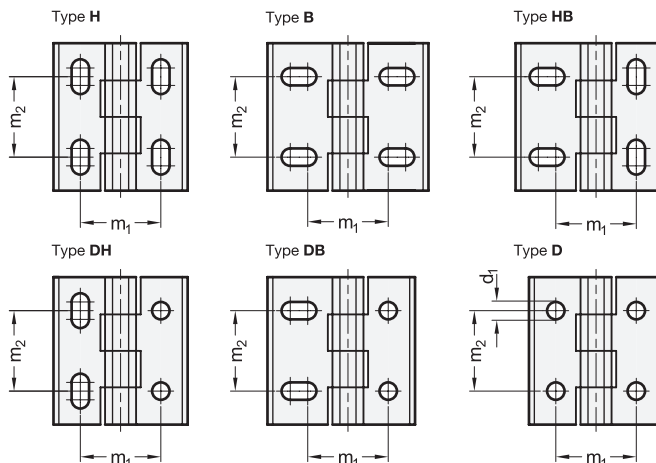
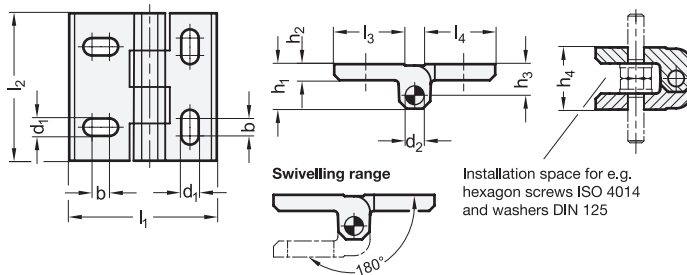
Thanks to sufficient space (installation space) available for screw heads and washers, the hinges can be opened by 180° without collision. The hinge drill pattern corresponds with that of the GN 237 (see page) hinge family, which allows the hinges to be interchangeable.

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)
- List of hinges types (see page 1362)

ACCESSORY

- Stainless Steel-Spacer plates GN 2370 (see page 1392)
- Stainless Steel-Plates with tapped holes GN 2372 (see page 1393)



GN 235-ZD

| Description | l1 | l2 | b | d1 | d2 | h1 | h2 | h3 | h4 | l3 | l4 | m1 | m2 | ⚖ |
|-----------------------|----|----|-----|-----|----|------|----|------|------|------|------|----|----|-----|
| GN 235-ZD-40-45-DH-SR | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 68 |
| GN 235-ZD-40-45-DH-SW | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 68 |
| GN 235-ZD-40-45-D-SR | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 70 |
| GN 235-ZD-40-45-D-SW | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 70 |
| GN 235-ZD-40-45-H-SR | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 68 |
| GN 235-ZD-40-45-H-SW | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 68 |
| GN 235-ZD-45-45-DB-SR | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 68 |
| GN 235-ZD-45-45-DB-SW | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 68 |
| GN 235-ZD-45-45-HB-SR | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 68 |
| GN 235-ZD-45-45-HB-SW | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 80 |
| GN 235-ZD-50-45-B-SR | 50 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 21 | 25 | 25 | 80 |
| GN 235-ZD-50-45-B-SW | 50 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 21 | 25 | 25 | 80 |
| GN 235-ZD-50-55-DH-SR | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 130 |
| GN 235-ZD-50-55-DH-SW | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 130 |
| GN 235-ZD-50-55-D-SR | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 133 |
| GN 235-ZD-50-55-D-SW | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 133 |
| GN 235-ZD-50-55-H-SR | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 162 |
| GN 235-ZD-50-55-H-SW | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 128 |
| GN 235-ZD-55-55-DB-SR | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 138 |
| GN 235-ZD-55-55-DB-SW | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 140 |
| GN 235-ZD-55-55-HB-SR | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 135 |
| GN 235-ZD-55-55-HB-SW | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 135 |
| GN 235-ZD-60-55-B-SR | 60 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 26 | 30 | 30 | 144 |
| GN 235-ZD-60-55-B-SW | 60 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 26 | 30 | 30 | 146 |
| GN 235-ZD-60-65-DH-SR | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 237 |
| GN 235-ZD-60-65-DH-SW | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 238 |
| GN 235-ZD-60-65-D-SR | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 243 |
| GN 235-ZD-60-65-D-SW | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 242 |
| GN 235-ZD-60-65-H-SR | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 231 |
| GN 235-ZD-60-65-H-SW | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 200 |
| GN 235-ZD-68-65-DB-SR | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 260 |
| GN 235-ZD-68-65-DB-SW | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 262 |
| GN 235-ZD-68-65-HB-SR | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 254 |
| GN 235-ZD-68-65-HB-SW | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 255 |
| GN 235-ZD-76-65-B-SR | 76 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 33.5 | 36 | 36 | 277 |
| GN 235-ZD-76-65-B-SW | 76 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 33.5 | 36 | 36 | 278 |

GN 235-NI

STAINLESS STEEL

| Description | l1 | l2 | b | d1 | d2 | h1 | h2 | h3 | h4 | l3 | l4 | m1 | m2 | ⚖ |
|-----------------------|----|----|-----|-----|----|------|----|------|------|------|------|----|----|-----|
| GN 235-NI-40-45-D-GS | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 83 |
| GN 235-NI-40-45-DH-GS | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 81 |
| GN 235-NI-40-45-H-GS | 40 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 16 | 16 | 25 | 25 | 80 |
| GN 235-NI-45-45-DB-GS | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 88 |
| GN 235-NI-45-45-HB-GS | 45 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 16 | 25 | 25 | 86 |
| GN 235-NI-50-45-B-GS | 50 | 45 | 5.3 | 5.3 | 4 | 13 | 5 | 9.5 | 19 | 21 | 21 | 25 | 25 | 93 |
| GN 235-NI-50-55-D-GS | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 157 |
| GN 235-NI-50-55-DH-GS | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 154 |
| GN 235-NI-50-55-H-GS | 50 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 21 | 21 | 30 | 30 | 148 |
| GN 235-NI-55-55-DB-GS | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 163 |
| GN 235-NI-55-55-HB-GS | 55 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 21 | 30 | 30 | 160 |
| GN 235-NI-60-55-B-GS | 60 | 55 | 6.5 | 6.5 | 6 | 16.6 | 6 | 11.6 | 23.2 | 26 | 26 | 30 | 30 | 170 |
| GN 235-NI-60-65-D-GS | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 290 |
| GN 235-NI-60-65-DH-GS | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 282 |
| GN 235-NI-60-65-H-GS | 60 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 26 | 26 | 36 | 36 | 270 |
| GN 235-NI-68-65-DB-GS | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 310 |
| GN 235-NI-68-65-HB-GS | 68 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 26 | 36 | 36 | 300 |
| GN 235-NI-76-65-B-GS | 76 | 65 | 8.3 | 8.3 | 8 | 21.4 | 8 | 14.9 | 29.8 | 33.5 | 33.5 | 36 | 36 | 329 |



Hinges and accessories 12