



**4 Type**

- A** With bores for countersunk screws
- B** With bores for countersunk screws and centering attachments

| <sup>2</sup> l <sub>1</sub> | <sup>3</sup> l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> +0,5 recommended locating bore | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | h <sub>4</sub> | h <sub>5</sub> | l <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> |
|-----------------------------|-----------------------------|----------------|----------------|----------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 50                          | 50                          | 6,3            | 6              | 9,5            | 10  | 12,5           | 6              | 6,5            | 2              | 13             | 21             | 30             | 30             |
| 60                          | 60                          | 8,3            | 8              | 12,5           | 13  | 16             | 8              | 8,5            | 3              | 17             | 25,5           | 36             | 36             |
| 80                          | 80                          | 10,3           | 10             | 14,5           | 15  | 20             | 10             | 10,5           | 4              | 21             | 36             | 50             | 50             |

**Specification**

**Hinge leaves**

Stainless steel  
 German Material No. 1.4405  
 Martensite (C1)



**NI**

- Matte shot-blasted finish
- Powder coated
- Black, RAL 9005, textured finish

**GS**

**SW**

**Hinge pin**

Stainless steel AISI 440B  
 • Tempered  
 • With special grease lubricated

**Shim washers**

Stainless steel AISI 301  
 With special grease lubricated

RoHS

**Technical Information**

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|   |     |
|---|-----|
| List of Hinge Types                     | QVX |
| Load rating information of metal hinges | QVX |
| Stainless Steel Characteristics         | QVX |

**Accessory**

|                             |     |
|-----------------------------|-----|
| GN 2370 Spacer Plates       | QVX |
| GN 2372 Plates              | QVX |
| GN 2374 Rubber Bumper Stops | QVX |

Heavy duty hinges GN 237.3 are designed for use under tough conditions and are distinguished by a compact design. The hinge pins are integral and allow the hinges to be used in environments with strong vibrations and shocks.

The material of the hinge leaves is very robust and, thanks to the martensite structure, is suitable for use in aggressive environments, albeit subject to some restrictions. Wear is minimized by the effective friction pairing of the hinge components and lubrication.

The type B hinge has centering attachments that prevent lateral slippage under high loads and protect the mounting screws from impermissible transverse force.

see also...

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|  |           |
|--|-----------|
| GN 237.3 Heavy Duty Hinges (Stainless Steel, Horizontally Elongated) | QVX       |
| GN 237.3 Heavy Duty Hinges (Stainless Steel AISI 316)                | QVX / QVX |
| GN 235   GN 237 Hinges (Stainless Steel)                             | QVX / QVX |

**How to order**

|              |                      |
|--------------|----------------------|
| <sup>1</sup> | <b>Werkstoff</b>     |
| <sup>2</sup> | <b>l<sub>1</sub></b> |
| <sup>3</sup> | <b>l<sub>2</sub></b> |
| <sup>4</sup> | <b>Type</b>          |
| <sup>5</sup> | <b>Finish</b>        |

**GN 237.3-NI-80-80-B-GS**