



**Rost frei**®  
Inox  
Stainless  
Steel

**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**

- **Stainless Steel** **NI**  
German Material No. 1.4405
- matte shot-blasted **GS**
- plastic coated black, RAL 9005, textured finish **● SW**
- **Hinge pin**  
Stainless Steel
- German Material No 1.4542
- tempered
- with special grease lubricated
- **Shim washers**  
Stainless Steel AISI 301
- tempered
- with special grease lubricated
- **Load rating information** → Page 1459
- **Stainless Steel characteristics** → Page 1489
- **RoHS**

**Information**

Stainless Steel-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 selected materials allow the hinges to be used in aggressive environments. 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...
- *List of hinge types* → Page 956 ff.
  - *Stainless Steel-Hinges GN 237* → Page 959
  - *Hinges GN 1366* → New products

|                     |  |                         |
|---------------------|--|-------------------------|
| <b>How to order</b> |  | <b>1</b> Material       |
|                     |  | <b>2</b> l <sub>1</sub> |
|                     |  | <b>3</b> l <sub>2</sub> |
|                     |  | <b>4</b> Type           |
|                     |  | <b>5</b> Finish         |

1
2
3
4
5

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

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10