



4 Type

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

2 **3**

l_1	l_2	d_1	d_2	d_3	$d_4 + 0,5$ Recommended locating bore	h_1	h_2	h_3	h_4	h_5	l_3	m_1	m_2
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

1 **5**

- Stainless steel **NI**
- German Material No. 1.4405
- Martensite (C1)
- Matte shot-blasted **GS**
- Powder coated **SW**
- Black, RAL 9005, textured finish
- Hinge pin
- Stainless steel AISI 440B
- Tempered
- With special grease lubricated
- Shim washers
- Stainless steel AISI 301
- With special grease lubricated
- Load Rating Information → Page 2121
- Stainless Steel Characteristics → Page 2166
- RoHS

Information

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 wings 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...

- List of Hinge Types → Page 1284 ff.
- Hinges GN 237.3 (Stainless Steel A4) → Page XYZ / XYZ
- Hinges GN 235 / GN 237 (Stainless Steel) → Page 1374 / 1292

How to order

1	Material
2	l_1
3	l_2
4	Type
5	Finish

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