



SS Stainless Steel

**4 Type**

- A** With bores for countersunk screws
- B** With bores for countersunk screws with centering guides

**Metric table**

Dimensions in: millimeters - inches

<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 1.97	50 1.97	6.3 0.25	6 0.24	9.5 0.37	10 0.39	12.5 0.49	6 0.24	6.5 0.26	2 0.08	13 0.51	21 0.83	30 1.18	30 1.18
60 2.36	60 2.36	8.3 0.33	8 0.31	12.5 0.49	13 0.51	16 0.63	8 0.31	8.5 0.33	3 0.12	17 0.67	25.5 1.00	36 1.42	36 1.42
80 3.15	80 3.15	10.3 0.41	10 0.39	14.5 0.57	15 0.59	20 0.79	10 0.39	10.5 0.41	4 0.16	21 0.83	36 1.42	50 1.97	50 1.97

**Specification**

- Body  
Stainless steel **NI**  
German Material No. 1.4405  
Martensite (C1)  
- Matte shot-blasted finish **GS**  
- Powder coated **SW**  
- Black, RAL 9005, textured finish
- Pin  
Stainless steel AISI 440B  
- Tempered  
- With special grease lubrication
- Shim washers  
Stainless steel AISI 301  
With special grease lubrication
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Information**

GN 237.3 heavy duty hinges 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, subject to some restrictions. Wear is minimized by the effective friction pairing of the hinge components and lubrication.

The type B hinge has centering guides that prevent lateral slippage under high loads and protect the mounting screws from excessive perpendicular forces.

**see also...**

- [List of Hinge Types](#) → page 1324
- [Heavy Duty Hinges GN 237.3 \(Stainless Steel AISI 316\)](#) → page QVX / QVX
- [Hinges GN 235 \(Zinc Die-Cast / Stainless Steel\)](#) → page 1405
- [Hinges GN 237 \(Zinc Die-Cast / Stainless Steel / Aluminum\)](#) → page 1330
- [Hinges GN 1366](#) → page 1342

How to order	
<sup>1</sup>	Material
<sup>2</sup>	Width l <sub>1</sub>
<sup>3</sup>	Length l <sub>2</sub>
<sup>4</sup>	Type
<sup>5</sup>	Finish

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