



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

I ₁		I ₂	d ₁	d ₂	d ₃	d ₄ +0.5 Recommended locating bore	h ₁	h ₂	h ₃	h ₄	h ₅	I ₃		I ₄	m ₁	m ₂	m ₃	m ₄	m ₅
Extended on one side	Extended on both sides											Extended on one side	Extended on both sides						
63 2.48	76 2.99	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	34 1.34	34 1.34	30 1.18	30 1.18	13 0.51	15 0.59	15 0.59
90 3.54	120 4.72	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	56 2.20	56 2.20	45 1.77	36 1.42	22.5 0.89	18 0.71	22.5 0.89
120 4.72	160 6.30	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	75 2.95	75 2.95	60 2.36	50 1.97	30 1.18	25 0.98	30 1.18

Specification

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

Information

GN 237.3 heavy duty hinges are designed for use under tough conditions. Additional screw hole bores with wider spacing create a more effective mounting force with the mounting surface. 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, 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.

How to order		1	Material
		2	Width I ₁
		3	Length I ₂
		4	Type
		5	Finish
GN 237.3-NI-120-60-A-SW			

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10