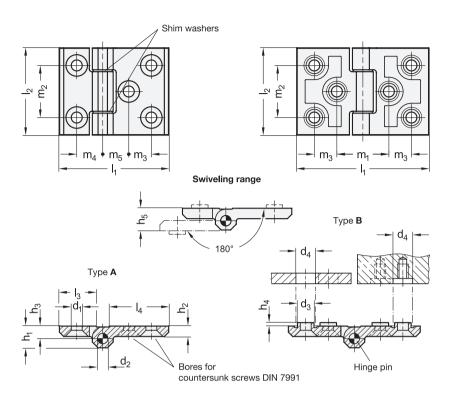
Heavy Duty Hinges

Stainless Steel, with Extended Hinge Leaf



3.1







Type

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

Metric table

2		3													Dim	ensions	in: milli	meters	- inche
I ₁		l ₂	d ₁	d_2	d_3	d ₄ +0.5	h ₁	h ₂	h ₃	h ₄	h ₅	l ₃		I ₄	m ₁	m ₂	m ₃	m ₄	m ₅
Extended on one side	Extended on both sides					Recom- mended locating bore						Extended on one side	Extended on both sides						
63	76	50	6.3	6	9.5	10	12.5	6	6.5	2	13	21	34	34	30	30	13	15	15
2.48	2.99	1.97	0.25	0.24	0.37	0.39	0.49	0.24	0.26	0.08	0.51	0.83	1.34	1.34	1.18	1.18	0.51	0.59	0.59
90	120	60	8.3	8	12.5	13	16	8	8.5	3	17	25.5	56	56	45	36	22.5	18	22.5
3.54	4.72	2.36	0.33	0.31	0.49	0.51	0.63	0.31	0.33	0.12	0.67	1.00	2.20	2.20	1.77	1.42	0.89	0.71	0.89
120	160	80	10.3	10	14.5	15	20	10	10.5	4	21	36	75	75	60	50	30	25	30
4.72	6.30	3.15	0.41	0.39	0.57	0.59	0.79	0.39	0.41	0.16	0.83	1.42	2.95	2.95	2.36	1.97	1.18	0.98	1.18

Specification

U 5

NI

• Body Stainless steel 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 leafs 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
1 2 3 4 5	4 Type
GN 237.3-NI-120-60-A-SW	5 Finish

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