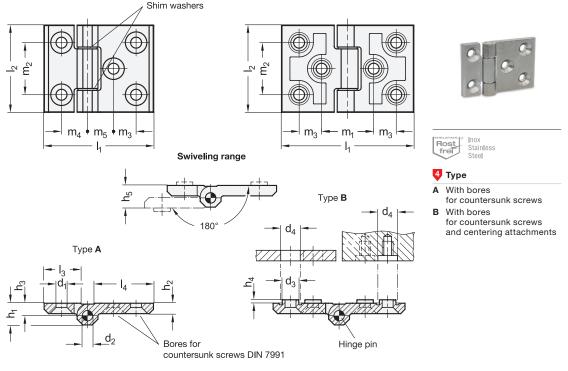
Heavy Duty Hinges

Stainless Steel, with Enhanced Strength, Horizontally Elongated





| 2 | | 3 | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------|----------------|----------------|-------|-------|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|-------|-------|
| 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 |
| elongated on one side | elongated on both sides | | | | | recommended locating bore | | | | | | | | | | | | |
| 63 | - | 50 | 6,3 | 6 | 9,5 | 10 | 12,5 | 6 | 6,5 | 2 | 13 | 21 | 34 | - | 30 | 13 | 15 | 15 |
| - | 76 | 50 | 6,3 | 6 | 9,5 | 10 | 12,5 | 6 | 6,5 | 2 | 13 | 34 | 34 | 30 | 30 | 13 | - | - |
| 90 | - | 60 | 8,3 | 8 | 12,5 | 13 | 16 | 8 | 8,5 | 3 | 17 | 25,5 | 56 | - | 36 | 22,5 | 18 | 22,5 |
| - | 120 | 60 | 8,3 | 8 | 12,5 | 13 | 16 | 8 | 8,5 | 3 | 17 | 56 | 56 | 45 | 36 | 22,5 | - | - |
| 120 | - | 80 | 10,3 | 10 | 14,5 | 15 | 20 | 10 | 10,5 | 4 | 21 | 36 | 75 | - | 50 | 30 | 25 | 30 |
| - | 160 | 80 | 10,3 | 10 | 14,5 | 15 | 20 | 10 | 10,5 | 4 | 21 | 75 | 75 | 60 | 50 | 30 | - | - |

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Specification

Hinge leafs Stainless steel

NI

German Material No. 1.4405

Martensite (C1)

· Matte shot-blasted finish GS

 Powder coated Black, RAL 9005, textured finish SW

Hinge pin

Stainless steel AISI 440B

- Tempered
- · With special grease lubricated

Shim washers

Stainless steel AISI 301 With special grease lubricated

RoHS

| Technical Information | Page | | |
|---|------|--|--|
| List of Hinge Types | QVX | | |
| Load rating information of metal hinges | QVX | | |
| Stainless Steel Characteristics | QVX | | |

Horizontally elongated heavy duty hinges GN 237.3 are designed for use under tough conditions. Attachment points with a wider spacing and more installation holes allow a more effective introduction of force into 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, 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.

| How to order | 1 | Material |
|-------------------------|---|----------------|
| | 2 | I ₁ |
| | 3 | I ₂ |
| 1 2 3 4 5 | 4 | Туре |
| GN 237.3-NI-120-60-A-SW | 5 | Finish |

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