Sheet Metal Hinges

Stainless Steel / Steel, Square or Vertically Elongated, Horizontally Elongated

SPECIFICATION

Types

- Type **A**: Without bores (only in stainless steel NI)
- Type **B**: With through-holes
- Type **C**: With countersunk holes

Hinge leafs

- Steel **ST**
  Zinc plated, blue passivated
  Only type B / C
- Stainless steel AISI 304 **NI**
  - Plain finish
    All types
  - Powder coated
    Black, RAL 9005, textured finish **NISW**
    Only type B
- Stainless steel AISI 316 **A4**
  Only type B / C

Pin

Stainless Steel

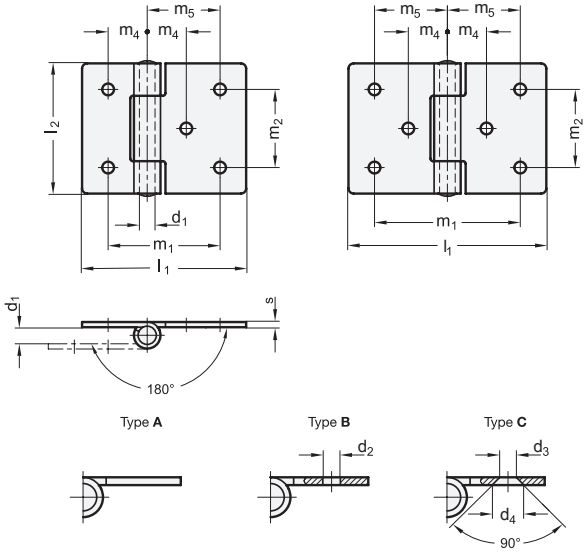
- AISI 304 for ST / NI / NISW
- AISI 316 for A4
- Riveted

INFORMATION

Sheet metal hinges GN 136 are available in many different versions and are suitable for light to medium-duty applications.
Type A can be fixed in place by welding or by using holes made by the customer.
The stainless steel versions are particularly suited for applications in highly aggressive conditions.

TECHNICAL INFORMATION

- List of Hinge Types (see page 1362)
- Load Rating Information of Hinges (see page A26)
- Stainless Steel Characteristics (see page A40)



GN 136-ST-HE

Description	l_1 on one side elongated	l_1 on both sides elongated	l_2	d_1	d_2	d_3	d_4	m_1 on one side elongated	m_1 on both sides elongated	m_2	m_4	m_5	s	⚖
GN 136-ST-45-30-B	45	-	30	3	3.2	-	-	33	-	18	9	24	1.5	19
GN 136-ST-45-30-C	45	-	30	3	-	4	6.4	33	-	18	9	24	1.5	19
GN 136-ST-60-30-B	-	60	30	3	3.2	-	-	-	48	18	9	24	1.5	24
GN 136-ST-60-30-C	-	60	30	3	-	4	6.4	-	48	18	9	24	1.5	24
GN 136-ST-60-40-B	60	-	40	4	4.2	-	-	45	-	25	12.5	32.5	2	45
GN 136-ST-60-40-C	60	-	40	4	-	5	8.3	45	-	25	12.5	32.5	2	45
GN 136-ST-80-40-B	-	80	40	4	4.2	-	-	-	65	25	12.5	32.5	2	58
GN 136-ST-80-40-C	-	80	40	4	-	5	8.3	-	65	25	12.5	32.5	2	58
GN 136-ST-75-50-B	75	-	50	6	5.2	-	-	55	-	30	15	40	2	79
GN 136-ST-75-50-C	75	-	50	6	-	5	8.3	55	-	30	15	40	2	79
GN 136-ST-100-50-B	-	100	50	6	5.2	-	-	-	80	30	15	40	2	98
GN 136-ST-100-50-C	-	100	50	6	-	5	8.3	-	80	30	15	40	2	98
GN 136-ST-90-60-B	90	-	60	6	5.2	-	-	66	-	36	18	48	2	108
GN 136-ST-90-60-C	90	-	60	6	-	5	8.3	66	-	36	18	48	2	108
GN 136-ST-120-60-B	-	120	60	6	5.2	-	-	-	96	36	18	48	2	136
GN 136-ST-120-60-C	-	120	60	6	-	5	8.3	-	96	36	18	48	2	136

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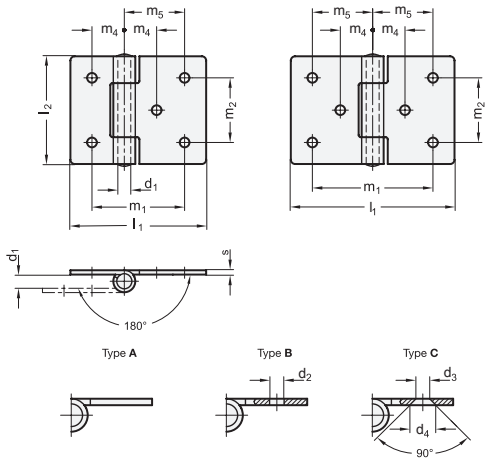

GN 136-NI-HE

STAINLESS STEEL

Description	l1 on one side elongated	l1 on both sides elongated	l2	d1	d2	d3	d4	m1 on one side elongated	m1 on both sides elongated	m2	m4	m5	s	⚖
GN 136-NI-45-30-A	45	-	30	3	-	-	-	33	-	18	9	24	1.5	20
GN 136-NI-45-30-B	45	-	30	3	3.2	-	-	33	-	18	9	24	1.5	19
GN 136-NI-45-30-C	45	-	30	3	-	4	6.4	33	-	18	9	24	1.5	19
GN 136-NI-60-30-A	-	60	30	3	-	-	-	-	48	18	9	24	1.5	25
GN 136-NI-60-30-B	-	60	30	3	3.2	-	-	-	48	18	9	24	1.5	24
GN 136-NI-60-30-C	-	60	30	3	-	4	6.4	-	48	18	9	24	1.5	24
GN 136-NI-60-40-A	60	-	40	4	-	-	-	45	-	25	12.5	32.5	2	47
GN 136-NI-60-40-B	60	-	40	4	4.2	-	-	45	-	25	12.5	32.5	2	45
GN 136-NI-60-40-C	60	-	40	4	-	5	8.3	45	-	25	12.5	32.5	2	45
GN 136-NI-75-50-A	75	-	50	6	-	-	-	-	65	30	15	32.5	2	81
GN 136-NI-75-50-B	75	-	50	6	5.2	-	-	-	65	30	15	32.5	2	79
GN 136-NI-75-50-C	75	-	50	6	-	5	8.3	-	65	30	15	32.5	2	79
GN 136-NI-80-40-A	-	80	40	4	-	-	-	55	-	25	12.5	40	2	59
GN 136-NI-80-40-B	-	80	40	4	4.2	-	-	55	-	25	12.5	40	2	58
GN 136-NI-80-40-C	-	80	40	4	-	5	8.3	55	-	25	12.5	40	2	58
GN 136-NI-90-60-A	90	-	60	6	-	-	-	-	80	36	18	40	2	111
GN 136-NI-90-60-B	90	-	60	6	5.2	-	-	-	80	36	18	40	2	108
GN 136-NI-90-60-C	90	-	60	6	-	5	8.3	-	80	36	18	40	2	108
GN 136-NI-100-50-A	-	100	50	6	-	-	-	66	-	30	15	48	2	99
GN 136-NI-100-50-B	-	100	50	6	5.2	-	-	66	-	30	15	48	2	98
GN 136-NI-100-50-C	-	100	50	6	-	5	8.3	66	-	30	15	48	2	98
GN 136-NI-120-60-A	-	120	60	6	-	-	-	-	96	36	18	48	2	139
GN 136-NI-120-60-B	-	120	60	6	5.2	-	-	-	96	36	18	48	2	136
GN 136-NI-120-60-C	-	120	60	6	-	5	8.3	-	96	36	18	48	2	108

GN 136-A4-HE

STAINLESS STEEL

Description	l1 on one side elongated	l1 on both sides elongated	l2	d1	d2	d3	d4	m1 on one side elongated	m1 on both sides elongated	m2	m4	m5	s	⚖
GN 136-A4-45-30-B	45	-	30	3	3.2	-	-	33	-	18	9	24	1.5	19
GN 136-A4-45-30-C	45	-	30	3	-	4	6.4	33	-	18	9	24	1.5	19
GN 136-A4-60-30-B	-	60	30	3	3.2	-	-	-	48	18	9	24	1.5	24
GN 136-A4-60-30-C	-	60	30	3	-	4	6.4	-	48	18	9	24	1.5	24
GN 136-A4-60-40-B	60	-	40	4	4.2	-	-	45	-	25	12.5	32.5	2	45
GN 136-A4-60-40-C	60	-	40	4	-	5	8.3	45	-	25	12.5	32.5	2	45
GN 136-A4-75-50-B	75	-	50	6	5.2	-	-	-	65	30	15	32.5	2	79
GN 136-A4-75-50-C	75	-	50	6	-	5	8.3	-	65	30	15	32.5	2	79
GN 136-A4-80-40-B	-	80	40	4	4.2	-	-	55	-	25	12.5	40	2	58
GN 136-A4-80-40-C	-	80	40	4	-	5	8.3	55	-	25	12.5	40	2	58
GN 136-A4-90-60-B	90	-	60	6	5.2	-	-	-	80	36	18	40	2	98
GN 136-A4-90-60-C	90	-	60	6	-	5	8.3	-	80	36	18	40	2	98
GN 136-A4-100-50-B	-	100	50	6	5.2	-	-	66	-	30	15	48	2	108
GN 136-A4-100-50-C	-	100	50	6	-	5	8.3	66	-	30	15	48	2	108
GN 136-A4-120-60-B	-	120	60	6	5.2	-	-	-	96	36	18	48	2	136
GN 136-A4-120-60-C	-	120	60	6	-	5	8.3	-	96	36	18	48	2	136

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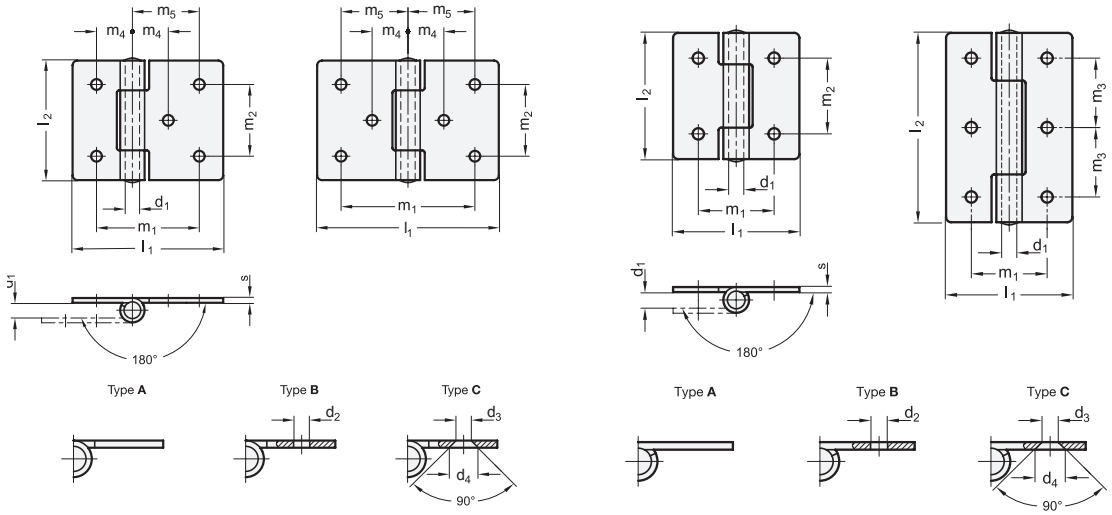

GN 136-NISW-HE

STAINLESS STEEL

Description	l1 on one side elongated	l1 on both sides elongated	l2	d1	d2	m1 on one side elongated	m1 on both sides elongated	m2	m4	m5	s	⚖
GN 136-NISW-45-30-B	45	-	30	3	3.2	33	-	18	9	24	1.5	20
GN 136-NISW-60-30-B	-	60	30	3	3.2	-	48	18	9	24	1.5	25
GN 136-NISW-60-40-B	60	-	40	4	4.2	45	-	25	12.5	32.5	2	47
GN 136-NISW-75-50-B	75	-	50	6	5.2	55	-	30	15	32.5	2	81
GN 136-NISW-100-50-B	-	100	50	6	5.2	-	80	30	15	40	2	100
GN 136-NISW-90-60-B	90	-	60	6	5.2	66	-	36	18	40	2	111
GN 136-NISW-120-60-B	-	120	60	6	5.2	-	96	36	18	48	2	139

GN 136-ST-SVE

Description	l1	l2 Square	l2 1,5x elongated	d1	d2	d3	d4	m1	m2	m3	s	⚖
GN 136-ST-30-30-B	30	30	45	3	3.2	-	-	18	18	-	1.5	14
GN 136-ST-30-30-C	30	30	45	3	-	4	6.4	18	18	-	1.5	14
GN 136-ST-30-45-B	30	30	45	3	3.2	-	-	18	-	16.5	1.5	21
GN 136-ST-30-45-C	30	30	45	3	-	4	6.4	18	-	16.5	1.5	21
GN 136-ST-40-40-B	40	40	60	4	4.2	-	-	25	25	-	2	33
GN 136-ST-40-40-C	40	40	60	4	-	5	8.3	25	25	-	2	33
GN 136-ST-40-60-B	40	40	60	4	4.2	-	-	25	-	22.5	2	51
GN 136-ST-40-60-C	40	40	60	4	-	5	8.3	25	-	22.5	2	51
GN 136-ST-50-50-B	50	50	75	6	5.2	-	-	30	30	-	2	61
GN 136-ST-50-50-C	50	50	75	6	-	5	8.3	30	30	-	2	61
GN 136-ST-50-75-B	50	50	75	6	5.2	-	-	30	-	27.5	2	80
GN 136-ST-50-75-C	50	50	75	6	-	5	8.3	30	-	27.5	2	80
GN 136-ST-60-60-B	60	60	90	6	5.2	-	-	36	36	-	2	90
GN 136-ST-60-60-C	60	60	90	6	-	5	8.3	36	36	-	2	90
GN 136-ST-60-90-B	60	60	90	6	5.2	-	-	36	-	33	2	121
GN 136-ST-60-90-C	60	60	90	6	-	5	8.3	36	-	33	2	121

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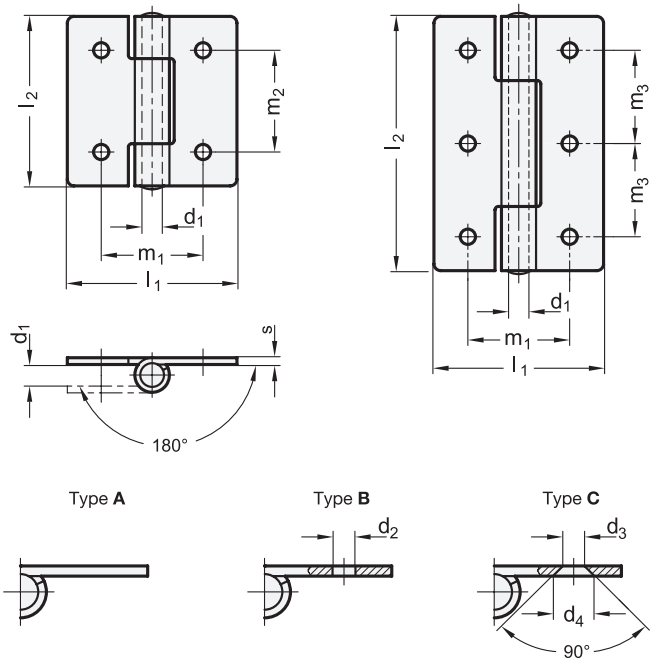

GN 136-NI-SVE **STAINLESS STEEL**

Description	l_1	l_2 Square	l_2 1,5x elongated	d_1	d_2	d_3	d_4	m_1	m_2	m_3	s	⚖
GN 136-NI-30-30-A	30	30	45	3	-	-	-	-	-	-	1.5	15
GN 136-NI-30-30-B	30	30	45	3	3.2	-	-	18	18	-	1.5	14
GN 136-NI-30-30-C	30	30	45	3	-	4	6.4	18	18	-	1.5	14
GN 136-NI-30-45-A	30	30	45	3	-	-	-	-	-	-	1.5	22
GN 136-NI-30-45-B	30	30	45	3	3.2	-	-	18	-	16.5	1.5	21
GN 136-NI-30-45-C	30	30	45	3	-	4	6.4	18	-	16.5	1.5	21
GN 136-NI-40-40-A	40	40	60	4	-	-	-	-	-	-	2	34
GN 136-NI-40-40-B	40	40	60	4	4.2	-	-	25	25	-	2	33
GN 136-NI-40-40-C	40	40	60	4	-	5	8.3	25	25	-	2	33
GN 136-NI-40-60-A	40	40	60	4	-	-	-	-	-	-	2	52
GN 136-NI-40-60-B	40	40	60	4	4.2	-	-	25	-	22.5	2	51
GN 136-NI-40-60-C	40	40	60	4	-	5	8.3	25	-	22.5	2	51
GN 136-NI-50-50-A	50	50	75	6	-	-	-	-	-	-	2	62
GN 136-NI-50-50-B	50	50	75	6	5.2	-	-	30	30	-	2	61
GN 136-NI-50-50-C	50	50	75	6	-	5	8.3	30	30	-	2	61
GN 136-NI-50-75-A	50	50	75	6	-	-	-	-	-	-	2	93
GN 136-NI-50-75-B	50	50	75	6	5.2	-	-	30	-	27.5	2	90
GN 136-NI-50-75-C	50	50	75	6	-	5	8.3	30	-	27.5	2	90
GN 136-NI-60-60-A	60	60	90	6	-	-	-	-	-	-	2	83
GN 136-NI-60-60-B	60	60	90	6	5.2	-	-	36	36	-	2	80
GN 136-NI-60-60-C	60	60	90	6	-	5	8.3	36	36	-	2	80
GN 136-NI-60-90-A	60	60	90	6	-	-	-	-	-	-	2	122
GN 136-NI-60-90-B	60	60	90	6	5.2	-	-	36	-	33	2	121
GN 136-NI-60-90-C	60	60	90	6	-	5	8.3	36	-	33	2	121

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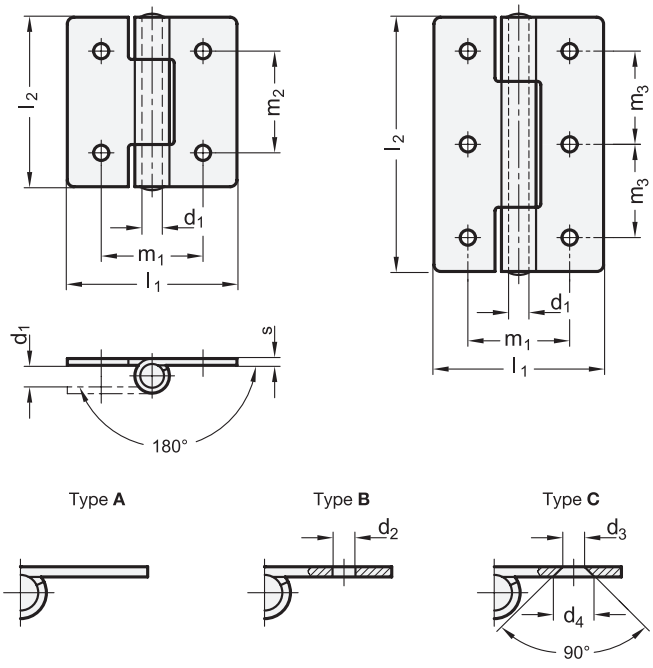

GN 136-A4-SVE

STAINLESS STEEL

Description	l1	l2 Square	l2 1,5x elongated	d1	d2	d3	d4	m1	m2	m3	s	⚖
GN 136-A4-30-30-B	30	30	45	3	3.2	-	-	18	18	-	1.5	14
GN 136-A4-30-30-C	30	30	45	3	-	4	6.4	18	18	-	1.5	14
GN 136-A4-30-45-B	30	30	45	3	3.2	-	-	18	-	16.5	1.5	21
GN 136-A4-30-45-C	30	30	45	3	-	4	6.4	18	-	16.5	1.5	21
GN 136-A4-40-40-B	40	40	60	4	4.2	-	-	25	25	-	2	33
GN 136-A4-40-40-C	40	40	60	4	-	5	8.3	25	25	-	2	33
GN 136-A4-40-60-B	40	40	60	4	4.2	-	-	25	-	22.5	2	51
GN 136-A4-40-60-C	40	40	60	4	-	5	8.3	25	-	22.5	2	51
GN 136-A4-50-50-B	50	50	75	6	5.2	-	-	30	30	-	2	61
GN 136-A4-50-50-C	50	50	75	6	-	5	8.3	30	30	-	2	61
GN 136-A4-50-75-B	50	50	75	6	5.2	-	-	30	-	27.5	2	80
GN 136-A4-50-75-C	50	50	75	6	-	5	8.3	30	-	27.5	2	80
GN 136-A4-60-60-B	60	60	90	6	5.2	-	-	36	36	-	2	90
GN 136-A4-60-60-C	60	60	90	6	-	5	8.3	36	36	-	2	90
GN 136-A4-60-90-B	60	60	90	6	5.2	-	-	36	-	33	2	121
GN 136-A4-60-90-C	60	60	90	6	-	5	8.3	36	-	33	2	121

GN 136-NISW-SVE

STAINLESS STEEL

Description	l1	l2 Square	l2 1,5x elongated	d1	d2	m1	m2	m3	s	⚖
GN 136-NISW-30-30-B	30	30	45	3	3.2	18	18	-	1.5	15
GN 136-NISW-30-45-B	30	30	45	3	3.2	18	-	16.5	1.5	22
GN 136-NISW-40-40-B	40	40	60	4	4.2	25	25	-	2	34
GN 136-NISW-40-60-B	40	40	60	4	4.2	25	-	22.5	2	52
GN 136-NISW-50-50-B	50	50	75	6	5.2	30	30	-	2	61
GN 136-NISW-50-75-B	50	50	75	6	5.2	30	-	27.5	2	83
GN 136-NISW-60-60-B	60	60	90	6	5.2	36	36	-	2	92
GN 136-NISW-60-90-B	60	60	90	6	5.2	36	-	33	2	124

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