

## Item description/product images



## Description

### Product description:

Hinges for panel elements and aluminium profiles.

The hinge pins can be removed and refitted without tools enabling the hinge halves to be quickly separated and rejoined.

These hinges find use on hatches, covers and frames

Can be used indoors or outdoors.

### Material:

Fibreglass reinforced thermoplastic.

Hinge pin and accessories stainless steel 1.4305.

Hinge pin steel.

### Version:

Hinge black similar to RAL 9005.

Hinge pin bright stainless steel.

Hinge pin electro zinc-plated steel.

Accessories bright.

### Note:

The loading values given for the hinges are non-binding reference values without consideration of safety factors and exclude any liability. The values given are for information purposes only and do not constitute a legally binding assurance of properties.

The load values have been determined under laboratory conditions. Each user must determine individually whether the hinge is suitable for the respective application.

Different materials attached to the hinge and the type of attachment used, meteorological conditions and wear can effect the calculated values.

### Advantages:

Tool-free mounting and removal

### On request:

Unequal leaf length combinations.

### Supplied with:

Two hinge halves.

Selected hinge pin and/or accessories.

### Accessory:

03400 Locking pins with folding latch.

07336 Cotter pin DIN EN ISO 1234.

03199 Key ring.

### Drawing reference:

Form A: with locking pin

Form B: with pin/head and key ring

Form C: with pin/head and cotter pin

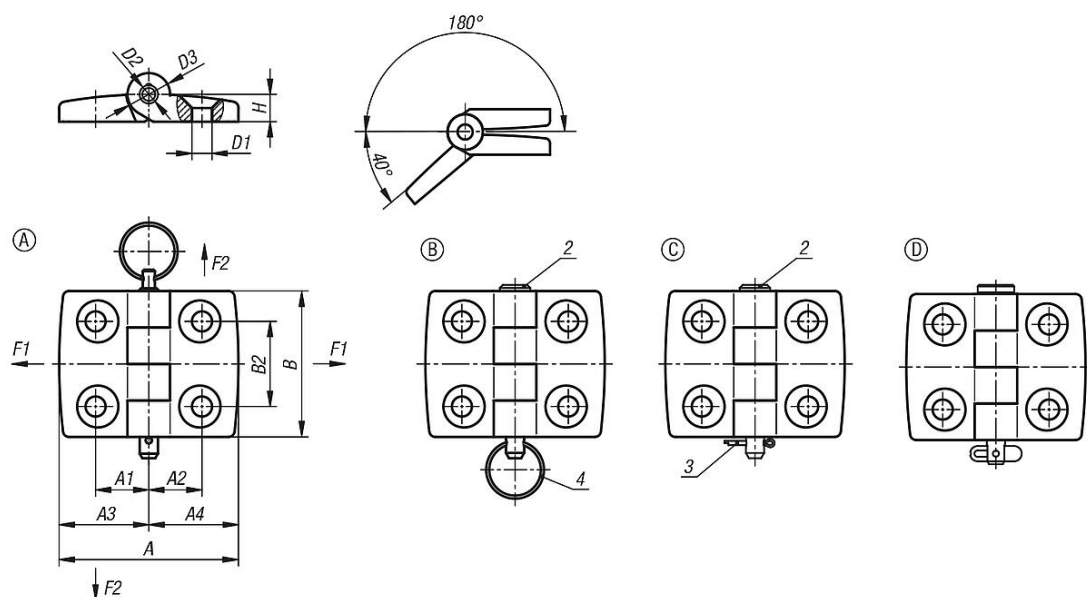
Form D: with locking pin /folding latch

2) Hinge pin

3) Cotter pin

4) Key ring

## Drawings



## Overview of items

| Order No.      | Form | Form definition | Component material | A   | A1   | A2   | A3   | A4   | B  | B2 | D1  | D2 | D3 | H | F1 N | F2 N |
|----------------|------|-----------------|--------------------|-----|------|------|------|------|----|----|-----|----|----|---|------|------|
| 27851-25151501 | A    | -               | stainless steel    | 52  | 15   | 15   | 26   | 26   | 48 | 28 | 6,6 | 6  | 14 | 9 | 625  | 425  |
| 27851-30181801 | A    | -               | stainless steel    | 59  | 17,5 | 17,5 | 29,5 | 29,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-35202001 | A    | -               | stainless steel    | 71  | 20   | 20   | 35,5 | 35,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-40232301 | A    | -               | stainless steel    | 77  | 22,5 | 22,5 | 38,5 | 38,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-45252501 | A    | -               | stainless steel    | 87  | 25   | 25   | 43,5 | 43,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-50282801 | A    | -               | stainless steel    | 97  | 27,5 | 27,5 | 48,5 | 48,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 800  | 425  |
| 27851-60333301 | A    | -               | stainless steel    | 115 | 32,5 | 32,5 | 57,5 | 57,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 850  | 175  |
| 27851-25151502 | B    | -               | stainless steel    | 52  | 15   | 15   | 26   | 26   | 48 | 28 | 6,6 | 6  | 14 | 9 | 625  | 425  |
| 27851-30181802 | B    | -               | stainless steel    | 59  | 17,5 | 17,5 | 29,5 | 29,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-35202002 | B    | -               | stainless steel    | 71  | 20   | 20   | 35,5 | 35,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-40232302 | B    | -               | stainless steel    | 77  | 22,5 | 22,5 | 38,5 | 38,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-45252502 | B    | -               | stainless steel    | 87  | 25   | 25   | 43,5 | 43,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-50282802 | B    | -               | stainless steel    | 97  | 27,5 | 27,5 | 48,5 | 48,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 800  | 425  |
| 27851-60333302 | B    | -               | stainless steel    | 115 | 32,5 | 32,5 | 57,5 | 57,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 850  | 175  |
| 27851-25151503 | C    | -               | stainless steel    | 52  | 15   | 15   | 26   | 26   | 48 | 28 | 6,6 | 6  | 14 | 9 | 625  | 425  |
| 27851-30181803 | C    | -               | stainless steel    | 59  | 17,5 | 17,5 | 29,5 | 29,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-35202003 | C    | -               | stainless steel    | 71  | 20   | 20   | 35,5 | 35,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-40232303 | C    | -               | stainless steel    | 77  | 22,5 | 22,5 | 38,5 | 38,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-45252503 | C    | -               | stainless steel    | 87  | 25   | 25   | 43,5 | 43,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-50282803 | C    | -               | stainless steel    | 97  | 27,5 | 27,5 | 48,5 | 48,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 800  | 425  |
| 27851-60333303 | C    | -               | stainless steel    | 115 | 32,5 | 32,5 | 57,5 | 57,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 850  | 175  |
| 27851-25151504 | D    | -               | steel              | 52  | 15   | 15   | 26   | 26   | 48 | 28 | 6,6 | 6  | 14 | 9 | 625  | 425  |
| 27851-30181804 | D    | -               | steel              | 59  | 17,5 | 17,5 | 29,5 | 29,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-35202004 | D    | -               | steel              | 71  | 20   | 20   | 35,5 | 35,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 700  | 400  |
| 27851-40232304 | D    | -               | steel              | 77  | 22,5 | 22,5 | 38,5 | 38,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-45252504 | D    | -               | steel              | 87  | 25   | 25   | 43,5 | 43,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 750  | 450  |
| 27851-50282804 | D    | -               | steel              | 97  | 27,5 | 27,5 | 48,5 | 48,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 800  | 425  |
| 27851-60333304 | D    | -               | steel              | 115 | 32,5 | 32,5 | 57,5 | 57,5 | 48 | 28 | 6,6 | 6  | 14 | 9 | 850  | 175  |