

# Sensys 110° standard hinge

## ▶ Fast assembly hinge with Silent System



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2009



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- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

### Specification

Sensys fast assembly hinge from Hettich. 8645i. Opening angle 110° With self closing feature. For door thicknesses from 15 mm to 24 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Half overlay
- Inset door

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

### Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 110° thin door hinge

- ▶ Fast assembly hinge with Silent System for thin doors



product  
design  
award

2009



reddot design award  
winner 2008

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8646i. Opening angle 110° With self closing feature. For door thicknesses from 10 mm to 16 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Half overlay
- Inset door

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm and the cup



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 165° zero protrusion hinge

## ▶ Wide angle fast assembly hinge with Silent System



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winner

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

### Specification

Sensys fast assembly hinge from Hettich. 8657i. Opening angle 165°. With self closing feature. For door thicknesses from 15 mm to 32 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Half overlay

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

### Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter
- ▶ Soft opening



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 95° aluminium frame hinge

- ▶ Fast assembly hinge with Silent System for aluminium frame doors



product  
design  
award

2009



reddot design award  
winner 2008

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8638i for aluminium frame doors. 95° opening angle. With self closing feature. For 19 mm wide aluminium frame profiles. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Half overlay
- Inset door

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 95° thick door hinge

- ▶ Fast assembly hinge with Silent System for thick doors



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product  
design award  
2014

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8631i. 95° opening angle. With self closing feature. For door thicknesses from 15 mm to 32 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Half overlay
- Inset door

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 95° angle hinge W30

- ▶ Fast assembly hinge with Silent System for 30° face angle application



product  
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award

2009 ■



reddot design award  
winner 2008

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8639i for 30° face angle applications. 95° opening angle. With self closing feature. For door thicknesses from 15 mm to 28 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Inset door

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 95° angle hinge W45

- ▶ Fast assembly hinge with Silent System for 45° face angle application



product  
design  
award

2009



reddot design award  
winner 2008

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8639i for 45° face angle applications. 95° opening angle. With self closing feature. For door thicknesses from 15 mm to 28 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Overlay door
- Inset door

Types:

- different drilling patterns

- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 2 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)

# Sensys 95° angle hinge W90

- ▶ Fast assembly hinge with Silent System for 90° face angle application



product  
design  
award

2009



reddot design award  
winner 2008

- ▶ Award winning, perfectly balanced design
- ▶ Closing convenience from an exceptionally wide automatic closing angle of 35°
- ▶ Operational reliability over a temperature range of +5°C to +40°C
- ▶ Best soft closing performance on the market
- ▶ Cost efficiency from the ability to save additional hinges on specific door formats

## Specification

Sensys fast assembly hinge from Hettich. 8639i for 90° face angle applications. 95° opening angle. With self closing feature. For door thicknesses from 15 mm to 28 mm. Defined versions also available in obsidian black.

Door mounting options for:

- Inset door

Types:

- different drilling patterns
- different fastening methods

Mounting plates available:

- cross mounting plate
- linear mounting plate

Quality classification under EN 15570, Level 3. Made in Germany. Fast tool-less installation and removal. Integrated Silent System. Integrated overlay adjustment + 1 mm / - 2 mm. Integrated depth adjustment + 3 mm / - 2 mm. Height adjustment at mounting plate.

## Optional features

- ▶ Cover caps for the side arm and the cup
- ▶ Opening angle limiter



Further information: [www.hettich.com](http://www.hettich.com)