

# Screwed marine hinge



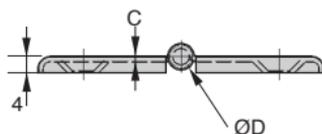
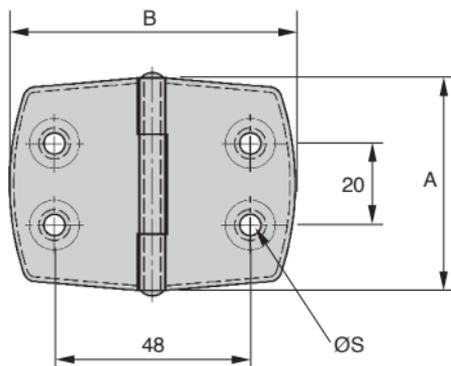
## CHAM

### Sheet metal with rolled knuckle

- Hinge for plug door
- Riveted pin
- Material:  
stainless steel 304
- Polished finish

### Advantages

- High corrosion resistance
- Economic hinge



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	ØS	Weight (g)	Stock*	Price each 1 to 5
CHAM5270/SS	52	70	1,2	4	5,2	44	✓	14,84 €

\*Depending on availability - Dimensions in mm

- **Universal hinge for plug door**
- Rolled knuckle
- **Material:**  
 Body: stainless steel 316  
 Pin: stainless steel

### Uses

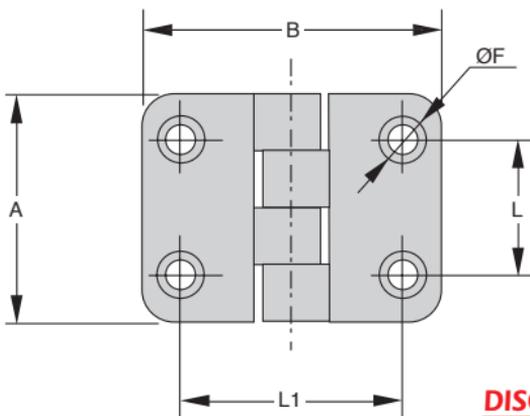
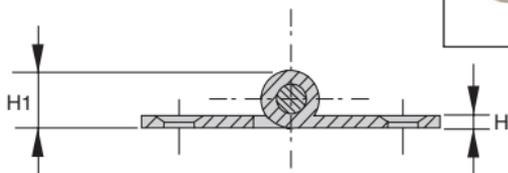
- Pharmaceutical, chemical and food industries

### Advantages

- Economic hinge



stainless steel



### DISCOUNTS

Qty	1+	6+	10+	25+
Disc. List	-5%	-10%	On request	

Part number	A	B	L	L1	ØF	H	H1	Stock*	Price each 1 to 5
CHA38-38/SS	38	38	20,5	26	5,5	2	9,5	✓	18,46 €
CHA37-48/SS	37	48	22,0	36	5,5	2	9,5	✓	17,22 €

\*Depending on availability - Dimensions in mm

# Polyamide face-mounted hinge ★★★ Stock

## CHAUPA

## Opening up to 270°

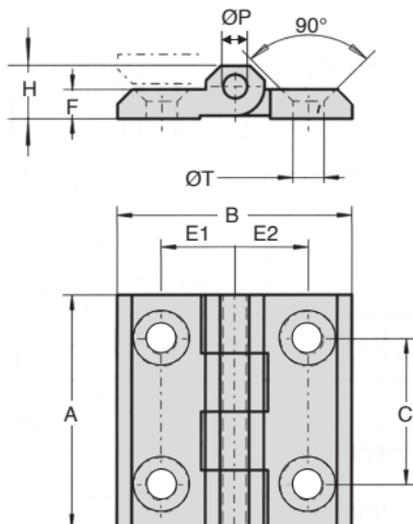
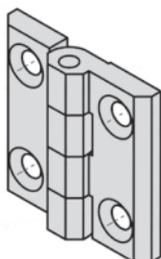
- Universal hinge for nested door
- 270° opening
- Fixing with M5 or M6 countersunk screws according to DIN7991
- Molded hinge
- Materials:
  - Black polyamide
  - Stainless steel pin

*With countersunk holes*



### Advantages

- Beautiful finish



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
<b>Square hinge</b>											
CHA1056-U6PA	40	40	25	12,5	12,5	9	5	5,3	4	✓	9,40 €
CHA1056-U10PA	50	50	30	15	15	11,5	6	6,2	6	✓	10,94 €

\*Depending on availability - Dimensions in mm

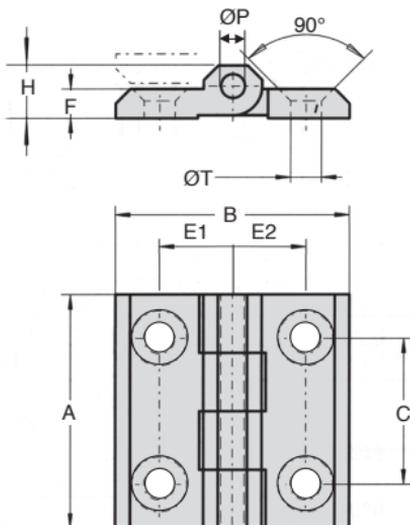
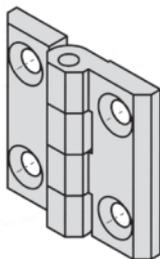
- Universal hinge for nested door
- 270° opening
- Fixing with M5, M6 or M8 countersunk screws according to DIN7991
- Molded hinge
- Materials:
  - Die cast zinc
  - Stainless steel pin

*With countersunk holes*



### Advantages

- Beautiful finish



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
<b>Square hinge</b>											
CHA1056-U6	40	40	25	12,5	12,5	9	5	5,3	4	✓	12,57 €
CHA1056-U10	50	50	30	15	15	11,5	6	6,2	6	✓	13,09 €
CHA1056-U14	60	60	36	18	18	15	8	8,3	8	✓	16,35 €
<b>Rectangular hinge</b>											
CHA1056-U18	50	76	30	28	28	11	6	6,2	6	✓	31,35 €

\*Depending on availability - Dimensions in mm

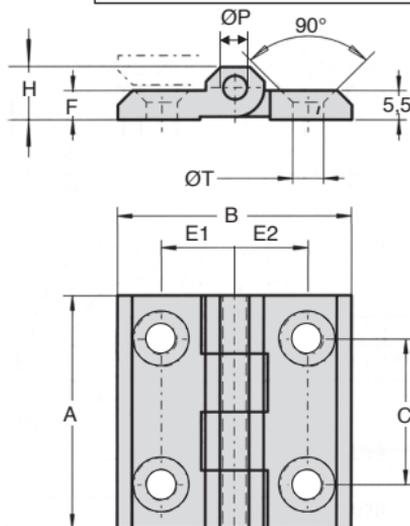
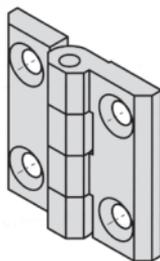
# Stainless steel face-mounted hinge ★★★ Stock

## CHAuss

## With countersunk holes

- Universal hinge for nested door
- 270° opening
- Fixing with M5, M6, M8 countersunk screws according to DIN7991
- Raw finish
- Molded hinge
- Materials:  
Stainless steel 316

stainless steel version



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

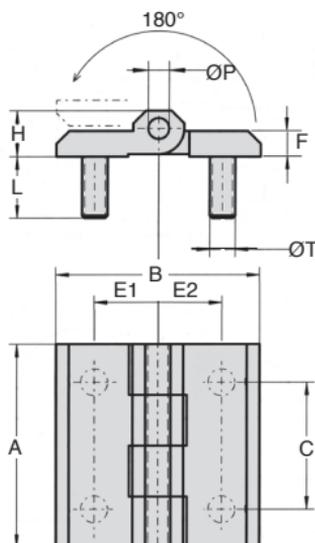
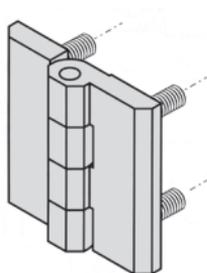
Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
CHA1056-U6SS	40	40	25	12,5	12,5	9	5	5,3	4	✓	30,09 €
CHA1056-U10SS	50	50	30	15	15	11,5	6	6,2	6	✓	32,65 €
CHA1056-U14SS	60	60	36	18	18	15	8	8,3	8	✓	32,86 €

\*Depending on availability - Dimensions in mm

- Universal hinge for nested door
- 180° opening
- Nut fixing
- Molded hinge
- Materials:
  - Die cast zinc
  - Stainless steel molded anchors
  - Stainless steel pin

### Advantages

- Beautiful finish



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	L	ØP	Stock*	Price each 1 to 5
<b>Square hinge</b>												
CHA1056-U4	40	40	25	12,5	12,5	9	5	M5	12	4	✓	17,62 €
CHA1056-U8	50	50	30	15	15	11,5	6	M6	15	6	✓	17,49 €
CHA1056-U12	60	60	36	18	18	15	8	M8	14	8	✓	23,16 €
<b>Rectangular hinge</b>												
CHA1056-U16	50	76	30	28	28	11	6	M6	12	6	✓	31,75 €
<b>Asymmetric rectangular hinge</b>												
CHA1056-U20	60	90	36	18	45	15	8	M8	14	8	✓	32,89 €

\*Depending on availability - Dimensions in mm

# Decorative screwed hinge

Alu Stock

## CHAE

## Aluminium

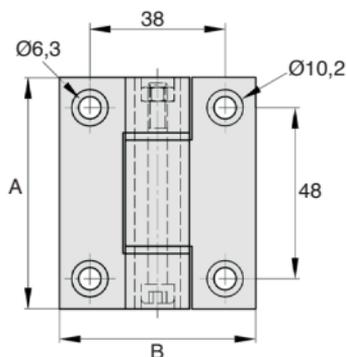
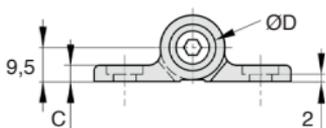
- Screwed hinge
- Materials :
  - hinges aluminium 6060T5
  - pin : plastic
- Black or colourless anodised finish

### Advantage

- Aesthetic design



colourless anodised



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	Weight (g)	Finish	Stock*	Price each 1 to 5
CHAE6555/AI	65	55	4,5	13	130	Colourless anodised	✓	18,08 €
CHAE6555/AN	65	55	4,5	13	130	Black anodised	✓	18,08 €

\*Depending on availability - Dimensions in mm

# Front hinge for aluminium profile

3 materials available

CHA

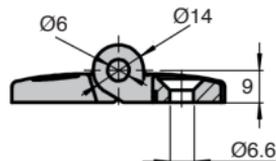
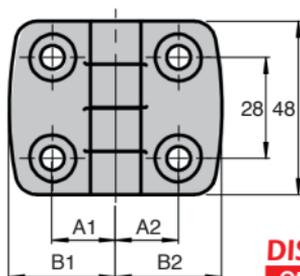
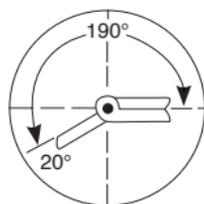
## - Screw-on hinge

- For aluminium profile 30x30mm, 40x40mm or 45x45mm (PRF4545)
- Opening angle 180°
- Material:
  - 316 stainless steel leaves
  - Glass-fibre reinforced Black PA/Nylon
  - Cast aluminium
  - Stainless steel pin
  - PTFE bearing (Aluminium version only)
- Mount using **M6 FHC6** milled head screws



## Accessory

- Mount using **M6 FHC6** milled head screws (tome 1 p.560)



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Net	-5%	-10%	On request

Part number	A1	A2	B1	B2	FA max (N)	FR max (N)	Profile section	Weight (g)	Price each 1 to 5
<b>Stainless steel hinge</b>									
CHA35-48/SS	17,5	17,5	29,5	29,5	575	800	30x30	167	39,99 €
CHA45-48/SS	22,5	22,5	38,5	38,5	675	900	40x40	205	44,08 €
CHA50-48/SS	25,0	25,0	42,5	42,5	675	900	45x45	223	49,34 €
<b>Glass reinforced plastic hinge</b>									
CHA35-48/PA	17,5	17,5	29,5	29,5	400	700	30x30	36	4,97 €
CHA45-48/PA	22,5	22,5	38,5	38,5	450	750	40x40	43	5,02 €
CHA50-48/PA	25,0	25,0	43,5	43,5	450	750	45x45	46	5,14 €
<b>Aluminium hinge</b>									
CHA35-48/AL	17,5	17,5	29,5	29,5	225	325	30x30	65	15,16 €
CHA45-48/AL	22,5	22,5	38,5	38,5	250	400	40x40	69	16,14 €
CHA50-48/AL	25,0	25,0	43,5	43,5	250	400	45x45	73	16,35 €

All dimensions in mm

# Molded polyamide face-mounted hinge ★★★ Stock

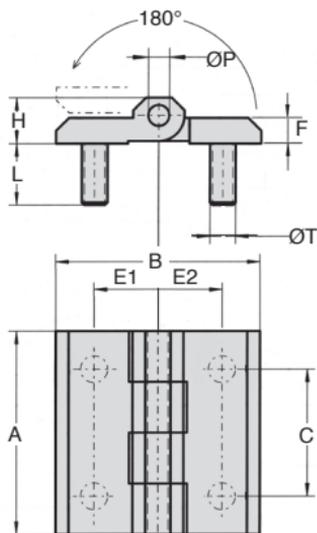
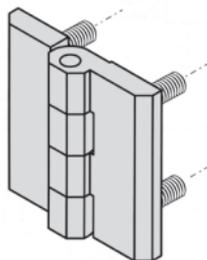
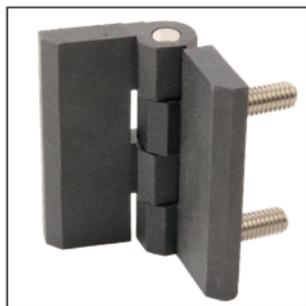
## CHAUPA

## With anchors

- Universal hinge for plug door
- 180° opening
- Nut fixing
- Molded hinge
- **Materials:**
  - Black polyamide
  - Stainless steel molded anchors
  - Stainless steel pin

### Advantages

- Beautiful finish



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
<b>Square hinge</b>											
CHA1056-U4PA	40	40	25	12,5	12,5	9	5	M5	12	-	14,19 €
CHA1056-U8PA	50	50	30	15	15	11,5	6	M6	15	✓	15,55 €

\*Depending on availability - Dimensions in mm



# Stylish stainless steel screw hinge

## CHAESS

## 316 stainless steel

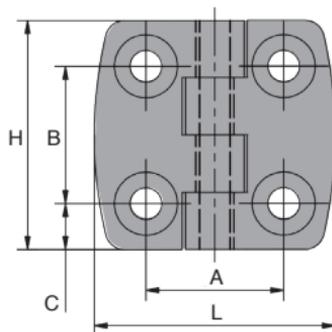
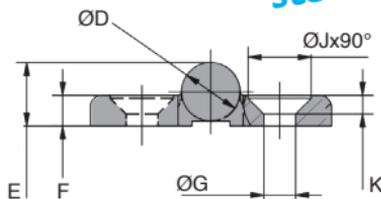
- Screw hinge
- For right and left mounting
- 180° opening angle
- Fixed using countersunk screws (M5, M6 or M8 according to DIN 7991)
- The visible surface of the hinge has polished satin finish
- Material:  
100% 316 stainless steel

### Advantages

- Stylish visual appearance as the pin is not visible
- Vibration proof
- Vandal proof thanks to welds over the pin at both ends.

Non-accessible pin

Impenetrable



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	H	L	A	B	C	ØD	E	F	K	ØG	ØJ	Stock*	Price each 1 to 5
CHAE4042/SS	40	42	25	25	7,5	10,2	10,6	5	3,0	5,2	10,2	✓	32,39 €
CHAE5050/SS	50	50	30	30	10,0	12,0	12,5	6	3,7	6,2	12,4	✓	38,43 €
CHAE6063/SS	60	63	36	36	12,0	15,3	16,6	8	4,9	8,3	16,5	✓	47,63 €

\*Depending on availability - Dimensions in mm

## CHAE

## Polyamide

### Screwed hinge

- Materials :

hinges glass fibre reinforced polyamide (30%)

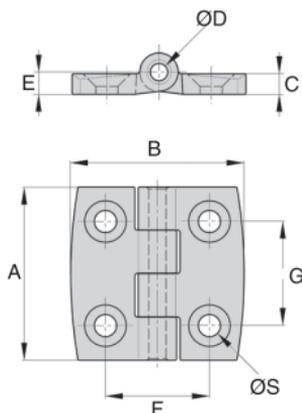
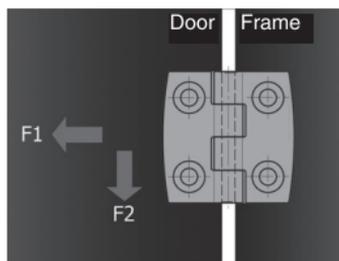
sealed pin : stainless steel 316L

- Asymetrical and symetrical versions available

### Advantages

- Aesthetic design

- Max opening angle 270°



Part number	Tensile strength F1 (N)	Shear strength F2 (N)	Screw torque (Nm)
CHAE3030/PA	1200	850	1
CHAE4040/PA	2200	1900	4
CHAE5050/PA	3600	2100	8
CHAE6060/PA	5100	3100	8

### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	E	F	G	ØS	For screw	Stock*	Price each 1 to 5
CHAE3030/PA	30	30	3	3	3,5	18	18	3,2	M3	✓	4,10 €
CHAE4040/PA	40	40	5,2	4	5,7	25	25	5,3	M4	✓	6,19 €
CHAE5050/PA	50	50	5,9	5	6,4	30	30	6,4	M6	✓	8,20 €
CHAE6060/PA	60	60	6,5	6	7	36	36	6,4	M6	✓	8,38 €

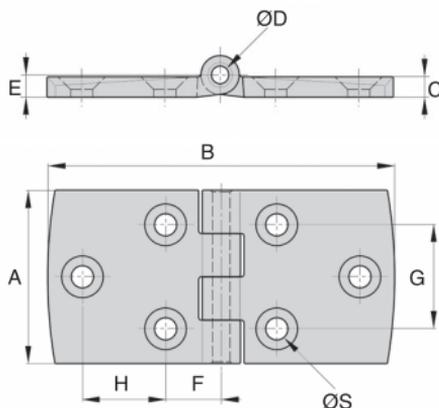
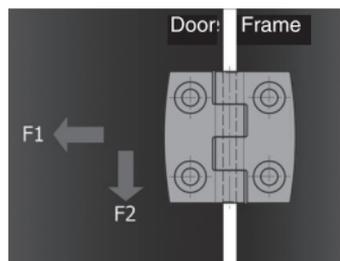
\*Depending on availability - Dimensions in mm

### Screwed hinge

- Material :  
hinges glass fibre reinforced polyamide (30%)  
sealed pin : stainless steel 316L
- Corrosion resistant
- Square and asymetrical versions available

### Advantages

- Aesthetic design
- Max opening angle 270°



Part number	Tensile strength F1 (N)	Shear strength F2 (N)	Screw torque (Nm)
CHAE4080/PA	2200	1900	4
CHAE40120/PA	2200	1900	4
CHAE50100/PA	3600	2100	8
CHAE60120/PA	5100	3100	8

### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-	-5%	-10%	On request

Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each
												1 to 5
CHAE4080/PA	40	80	5,2	4	5,7	13,5	25	19	5,3	M4	✓	8,32 €
CHAE40120/PA	40	120	5,2	4	5,7	14,5	25	38	5,3	M4	-	10,29 €
CHAE50100/PA	50	100	5,9	5	6,4	16	30	24	6,4	M6	✓	10,58 €
CHAE60120/PA	60	120	6,5	6	7	18	36	30	6,4	M6	✓	16,86 €

\*Depending on availability - Dimensions in mm

# Decorative **asymmetric** screwed hinge ★★★★ Stock Pla

## CHAE<sub>A</sub> Polyamide, Aesthetic design

### - Screwed hinge

#### - Materials :

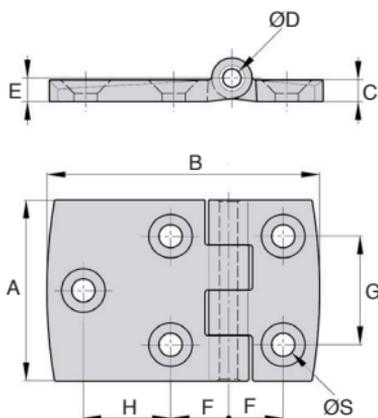
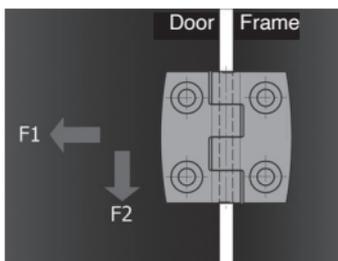
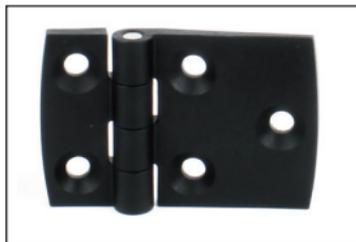
hinges glass fibre reinforced polyamide (30%)  
sealed pin : stainless steel 316L

- Square and symmetrical versions also available

### Advantage

- Aesthetic design

- Max opening angle 270°



Part number	Tensile strength		Shear strength		Screw torque (Nm)
	F1 (N)	2200	F2 (N)	2300	
CHAE4060A/PA	2200		2300		4
CHAE4080A/PA	2200		2300		4
CHAE5075A/PA	3600		2500		8
CHAE6090A/PA	5100		4200		8

### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each
											1 to 5	
CHAE4060A/PA	40	60	5,2	4	5,7	13,5	25	19	5,3	M4	✓	8,10 €
CHAE4080A/PA	40	80	5,2	4	5,7	14,5	25	38	5,3	M4	✓	8,31 €
CHAE5075A/PA	50	75	5,9	5	6,4	16	30	24	6,4	M6	✓	10,29 €
CHAE6090A/PA	60	90	6,5	6	7	18	36	30	6,4	M6	✓	14,42 €

\*Depending on availability - Dimensions in mm



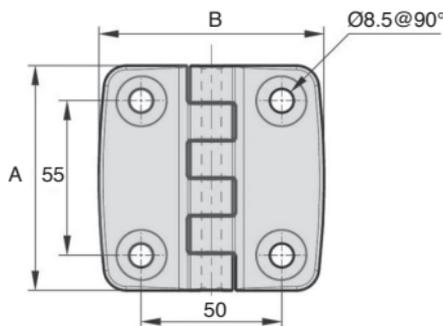
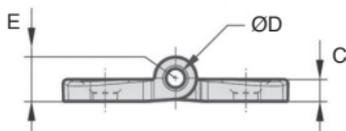
# Square decorative screwed hinges

## Polyamide carbon fibre reinforced CHAE<sub>PAC</sub>

- Square screwed hinge
- Max opening angle 270°
- To be fastened with M8 countersunk screws to DIN7991
- Materials
  - Polyamide 6.6 reinforced 30% carbon fibre
  - Pin 303 stainless steel
- Cycling test: hinge is functional after 10.000 cycles (open/close) for a 80 kg door (dimension 1500 (H) x 750 (W) mm)

### Advantages

- Aesthetic design
- Stronger and lighter than an equivalent glass fibre polyamide hinge
- Good corrosion resistance (alternative to stainless steel hinges)



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. List	-5%	-10%	On request	

Part number	A	B	C	ØD	E	Weight (g)	Price each 1 to 5
CHAE8080/PAC	80	80	7,8	7	8,3	68	10,70 €

Dimensions in mm

# Heavy duty plastic hinge, opens 180°

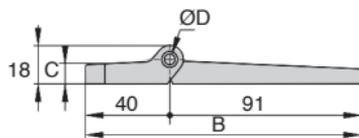
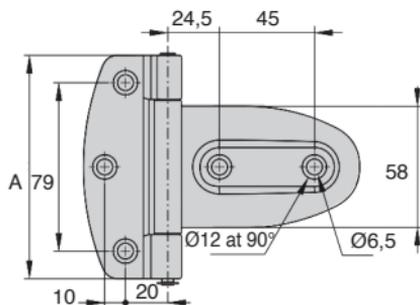
## CHA

## Polyamide

- **Screwed hinge**
- Maximum opening: 180°
- Materials:
  - Black polyamide
  - Nickel plated steel pin

### Applications

- Industrial bodywork



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	Weight (g)	Stock*	Price each 1 to 5
CHA108-131	108	131	9,5	6	98	✓	28,26 €

\*Depending on availability - Dimensions in mm

# Roll of hinge without pin

Black or white plastic hinge

CHASB

## - Roll of polymer hinge without pin

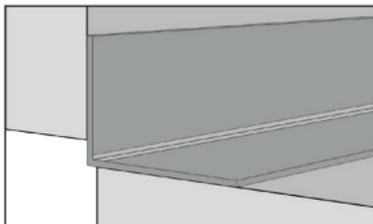
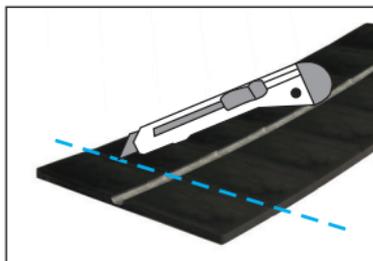
- Sold in rolls of 15.25 meters
- Fastening by screws, rivets, nails or staples
- Working temperature range: -40°C to 80°C
- 270° opening angle
- Material:
  - Polypropylene
- Tensile strength 180N/cm

## Advantages

- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention of material or possible impurities

## Use

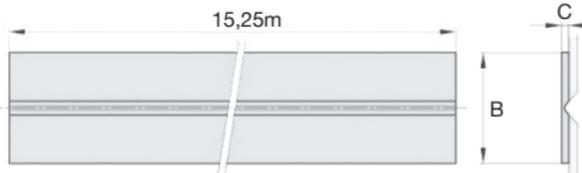
- Ideal for horizontal use for hinging a hood



Typical application



Tensile Strength



## DISCOUNTS

Qty	1+	3+
Disc.	Price	On request

Part number	B	C	Finishing	Weight roll (g)	Price per unit
CHASB28-R/W	28.6	3.2	White	1050	1 to 2 293,33 €
CHASB28-R/N	28.6	3.2	Black	1050	293,33 €
CHASB38-R/W	38.1	3.2	White	1450	321,29 €
CHASB38-R/N	38.1	3.2	Black	1450	321,29 €

\*Depending on availability - Dimensions in mm

# Hinge without pin

## CHASB

## Black or white plastic hinge

- **Polymer hinge without pin**
- Fastening with screws or rivets.
- Working temperature range: -40°C to 80°C
- 270° opening angle
- Material:  
Polypropylene
- Tensile strength 180N/cm

### Advantages

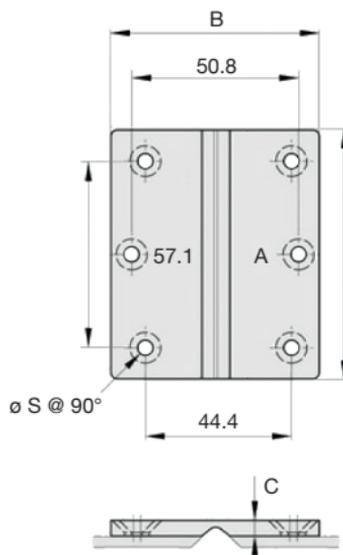
- Good resistance to oils, solvents, seawater and most chemical agents
- Also, good fatigue resistance
- No knots, so no retention of material or possible impurities

### Use

- Ideal for horizontal use for hinging a hood



Tensile strength



### DISCOUNTS

Qty	1+	6+	20+	50+
Disc. Price	-5%	-10%		On request

Part number	A	B	C	ØS	Finishing	Weight (g)	Price per unit
							1 to 5
CHASB63-76/W	76.2	63.5	4.76	4.62	White	16	8,48 €
CHASB63-76/N	76.2	63.5	4.76	4.62	Black	16	8,48 €

\*Depending on availability - Dimensions in mm

# Hinge without pin

Black or white plastic hinge

CHASB

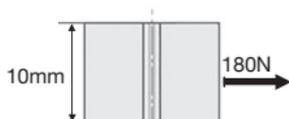
- Polymer hinge without pin
- Fastening with screws or rivets.
- Working temperature range:  $-40^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- $270^{\circ}$  opening angle
- Material:  
Polypropylene.
- Tensile strength 180N/cm

## Advantages

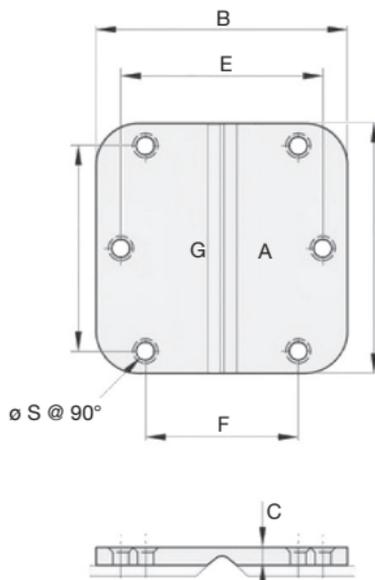
- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention de material or possible impurities

## Use

- Ideal for horizontal use for hinging a hood



Tensile strength



## DISCOUNTS

Qty	1+	6+	20+	50+
Disc.	Price	-5%	-10%	On request

Part number	A	B	C	E	F	G	ØS	Finishing	Weight		Price per unit
									(g)	1 to 5	
CHASB89-89/W	88.9	88.9	6.35	71.4	54	73	6	White	35		12,41 €
CHASB89-89/N	88.9	88.9	6.35	71.4	54	73	6	Black	35		12,41 €

\*Depending on availability - Dimensions in mm