Screwed marine hinge

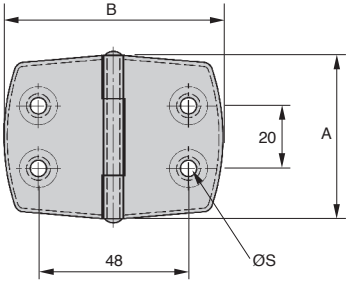
CHAM

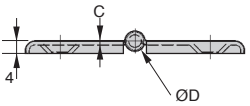
Sheet metal with rolled knuckle

- ***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 avaibility - Dimensions in mm*

Stainless steel surface mount hinge

Sheet metal, shiny surfaces

CHAss

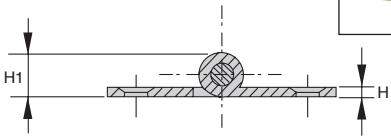
- ***Universal hinge for plug door***
- *Rolled knuckle*
- *Material:*
  Body: stainless steel 316
  Pin: stainless steel

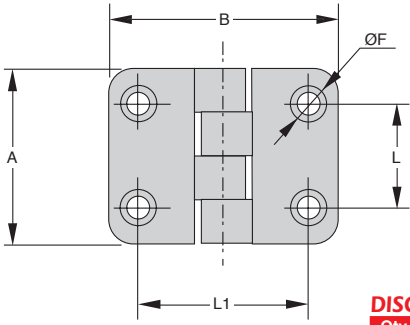
Uses

- *Pharmaceutical, chemical and food industries*

Advantages

- *Economic hinge*





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*

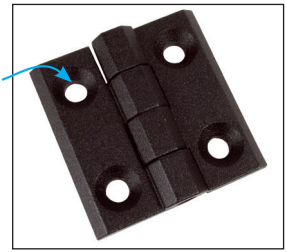
CHAUPA

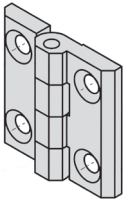
Opening up to 270°

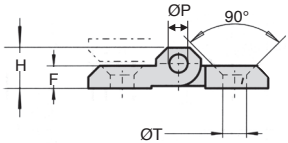
- ***Universal hinge for nested door***
- *270° opening*
- *Fixing with M5 or M6 countersunk screws according to DIN7991*
- *Molded hinge*
- *Materials:*
  Black polyamide
  Stainless steel pin

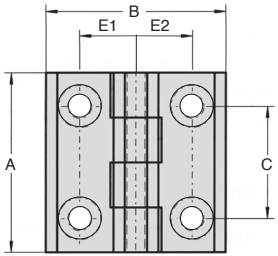
Advantages

- *Beautiful finish*









DISCOUNTS

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

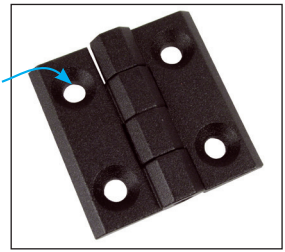
Part number	A	B	C	E1	E2	H	F	ØT	ØP	Stock*	Price each 1 to 5
Square hinge											
CHA1056-U6PA	40	40	25	12,5	12,5	9	5	5,3	4	✔	9,40 €
CHA1056-U10PA	50	50	30	15	15	11,5	6	6,2	6	✔	10,94 €

**Depending on availability - Dimensions in mm*

Stock ★★★ Die cast zinc face-mounted hinge

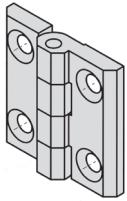
Opening up to 270° CHAU

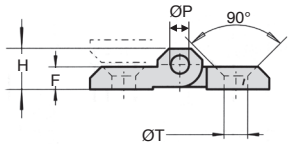
- ***Universal hinge for nested door***
- 270° opening
- Fixing with M5, M6 or M8 countersunk screws according to DIN7991
- Molded hinge
- Materials:
  Die cast zinc
  Stainless steel pin

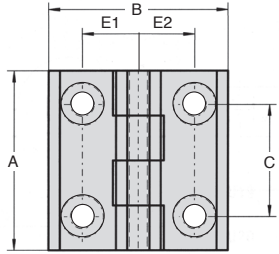


Advantages

- 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
Square hinge											
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 €
Rectangular hinge											
CHA1056-U18	50	76	30	28	28	11	6	6,2	6	✔	31,35 €

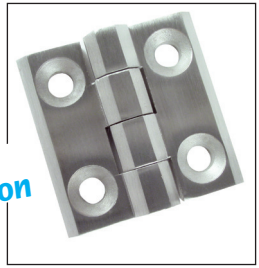
**Depending on availability - Dimensions in mm*

Stainless steel face-mounted hinge ★★★ Stock*

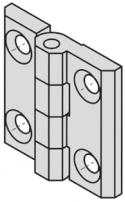
CHAuss

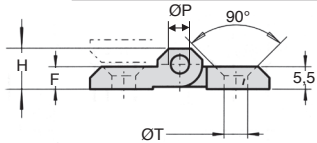
With countersunk holes

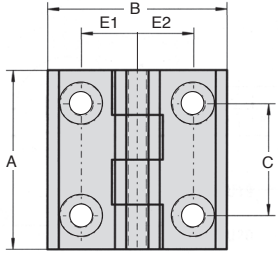
- ***Universal hinge for nested door***
- *270° opening*
- *Fixing with M5, M6, M8 countersunk screws according to DIN7991*
- *Raw finish*
- *Molded hinge*
- *Materials:*
  Stainless steel 316



stainless steel version







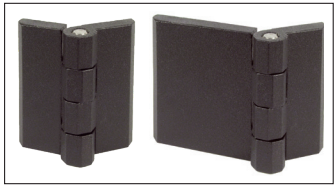
DISCOUNTS

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
Square hinge											
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 €

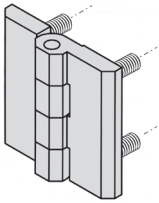
**Depending on availability - Dimensions in mm*

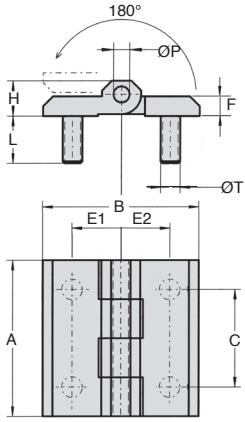
- ***Universal hinge for nested door***
- *180° opening*
- *Nut fixing*
- *Molded hinge*
- *Materials:*
  Die cast zinc
  Stainless steel molded anchors
  Stainless steel pin



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
Square hinge												
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 €
Rectangular hinge												
CHA1056-U16	50	76	30	28	28	11	6	M6	12	6	✔	31,75 €
Asymmetric rectangular hinge												
CHA1056-U20	60	90	36	18	45	15	8	M8	14	8	✔	32,89 €

**Depending on availability - Dimensions in mm*

Decorative screwed hinge

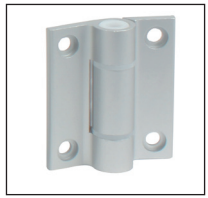
CHAE

Aluminium

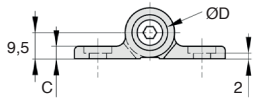
- ***Screwed hinge***
- *Materials :*
  hinges aluminium 6060T5
  pin : plastic
- *Black or colourless anodised finish*

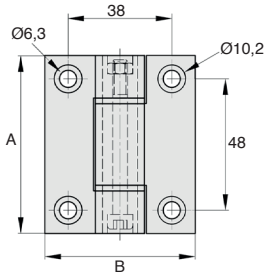
Advantage

- *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*

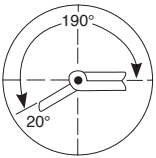
Aluminium

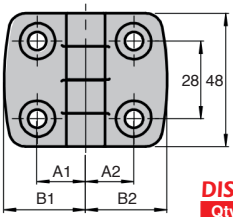
Glass reinforced plastic

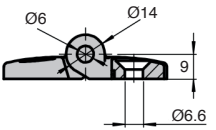
Stainless steel

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
Stainless steel hinge									
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 €
Glass reinforced plastic hinge									
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 €
Aluminium hinge									
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*

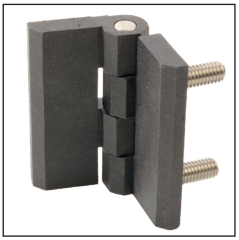
CHAUPA

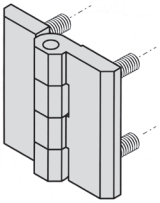
With anchors

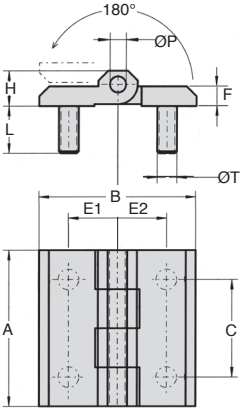
- ***Universal hinge for plug door***
- 180° opening
- Nut fixing
- Molded hinge
- ***Materials:***
  Black polyamide
  Stainless steel molded anchors
  Stainless steel pin

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
Square hinge											
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 €

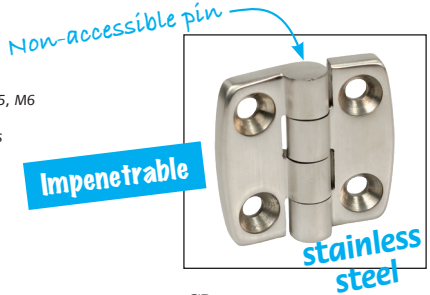
**Depending on availability - Dimensions in mm*

★★★★ Stylish stainless steel screw hinge

CHAESS

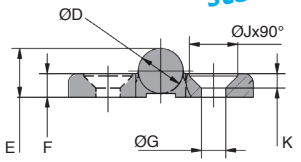
316 stainless steel

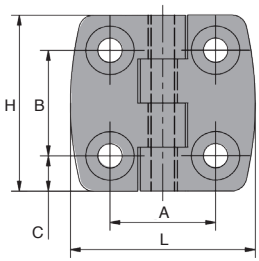
- ***Screw hinge***
- *For right and left mounting*
- *180°opening angle*
- *Fixed using countersunk screws (M5, M6 or M8 according to DIN 7991)*
- *The visible surface of the hinge has polished satin finish*
- *Material:*
  100% 316 stainless steel



Advantages

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





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*

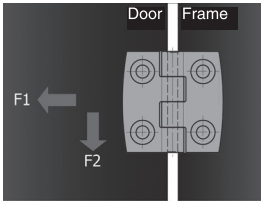
Square decorative screwed hinge Stock Pla

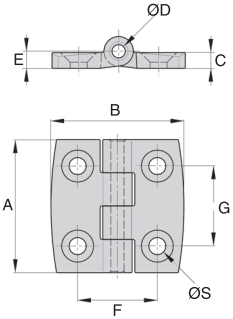
CHAE

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*

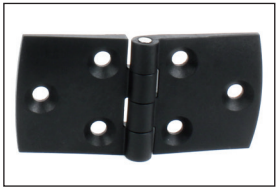
Pla Stock Symetrical decorative screwed hinge

Polyamide

CHAE

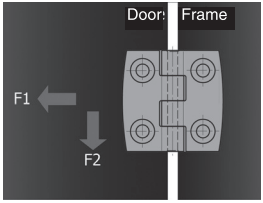
Screwed hinge

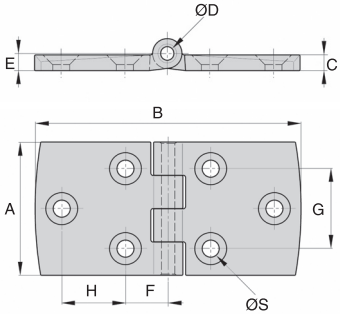
- *Material :*
  hinges glass fibre reinforced polyamide (30%)
  sealed pin : stainless steel 316L
- *Corrosion resistant*
- *Square and asymetrical versions available*



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

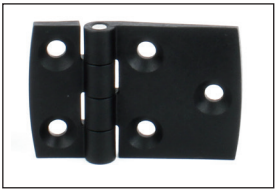
Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each 1 to 5
CHAE4080/PA	40	80	5,2	4	5,7	13,5	25	19	5,3	M4	✔	8,32 €
CHAE40120/PA	40	120	5,2	4	5,7	14,5	25	38	5,3	M4	-	10,29 €
CHAE50100/PA	50	100	5,9	5	6,4	16	30	24	6,4	M6	✔	10,58 €
CHAE60120/PA	60	120	6,5	6	7	18	36	30	6,4	M6	✔	16,86 €

**Depending on availability - Dimensions in mm*

Decorative asymetric screwed hinge ★★★★ Stock Pla

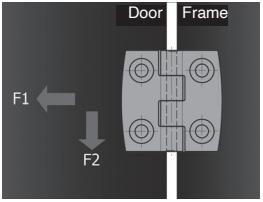
CHAEA Polyamide, Aesthetic design

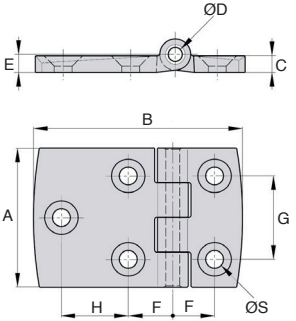
- ***Screwed hinge***
- *Materials :*
  hinges glass fibre reinforced polyamide (30%)
  sealed pin : stainless steel 316L
- *Square and symetrical versions also available*



Advantage

- *Aesthetic design*
- *Max opening angle 270°*





Part number	Tensile strength F1 (N)	Shear strength F2 (N)	Screw torque (Nm)
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

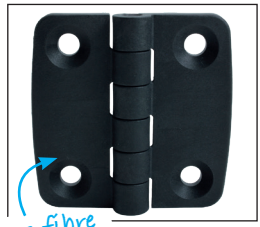
Part number	A	B	C	ØD	E	F	G	H	ØS	For screw	Stock*	Price each 1 to 5
CHAE4060A/PA	40	60	5,2	4	5,7	13,5	25	19	5,3	M4	✔	8,10 €
CHAE4080A/PA	40	80	5,2	4	5,7	14,5	25	38	5,3	M4	✔	8,31 €
CHAE5075A/PA	50	75	5,9	5	6,4	16	30	24	6,4	M6	✔	10,29 €
CHAE6090A/PA	60	90	6,5	6	7	18	36	30	6,4	M6	✔	14,42 €

**Depending on availability - Dimensions in mm*

Square decorative screwed hinges

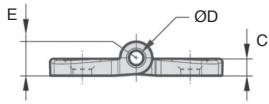
Polyamide carbon fibre reinforced CHAEPAC

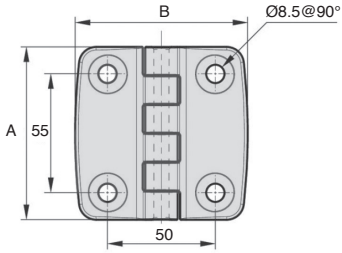
- ***Square screwed hinge***
- *Max opening angle 270°*
- *To be fastened with M8 countersunk screws to DIN7991*
- *Materials*
  - *Polyamide 6.6 reinforced 30% carbon fibre*
  - *Pin 303 stainless steel*
- *Cycling test: hinge is functional after 10.000 cycles (open/close) for a 80 kg door (dimension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

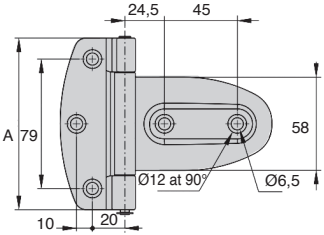
CHA

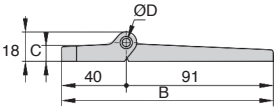
Polyamide

- **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 €

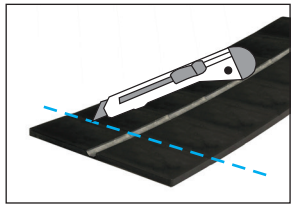
*Depending on availability - Dimensions in mm

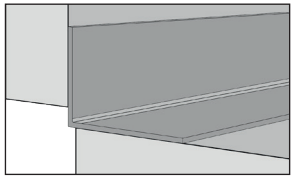
Roll of hinge without pin

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





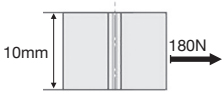
Typical application

Advantages

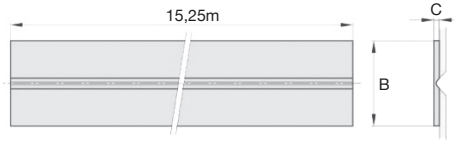
- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention of material or possible impurities

Use

- Ideal for horizontal use for hinging a hood



Tensile Strength



DISCOUNTS

Qty	1+	3+
Disc.	Price	On request

Part number	B	C	Finishing	Weight roll (g)	Price per unit 1 to 2
CHASB28-R/W	28.6	3.2	White	1050	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

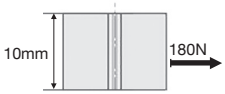
- **Polymer hinge without pin**
- Fastening with screws or rivets.
- Working temperature range: -40°C to 80°C
- 270°opening angle
- Material:
  Polypropylene
- Tensile strength 180N/cm

Advantages

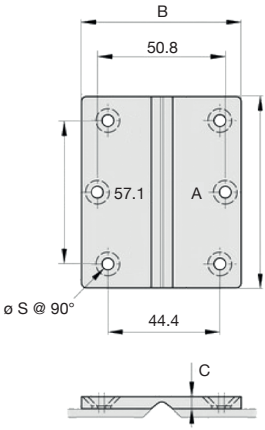
- Good resistance to oils, solvents, seawater and most chemical agents
- Also, good fatigue resistance
- No knots, so no retention of material or possible impurities

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

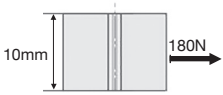
- **Polymer hinge without pin**
- Fastening with screws or rivets.
- Working temperature range: -40° C to 80°C
- 270°opening angle
- Material:
  Polypropylene.
- Tensile strength 180N/cm

Advantages

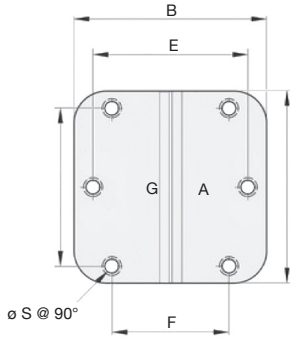
- Good resistance to oils, solvents, seawater and most chemical agents
- Good fatigue resistance
- No knots, so no retention de material or possible impurities

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 (g)	Price per unit 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*