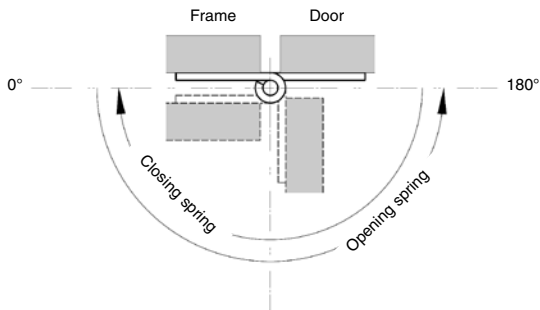


Spring hinges

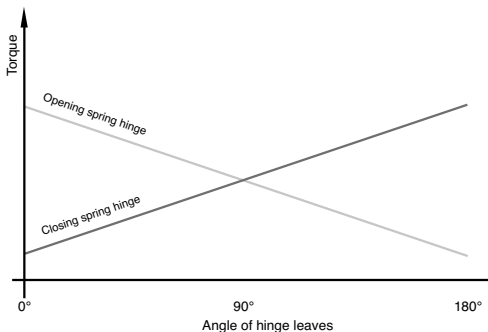
CHAR

Information

The way a spring hinge opens depends on the type of spring



Spring hinge torque depends on the angle



M: hinge torque at various positions

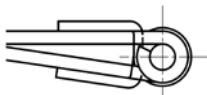
$M(0^\circ)$: torque when hinge leaves are parallel

$M(90^\circ)$: torque when leaves are at 90°

$M(180^\circ)$: torque when leaves are at 180°

Spring hinges are delivered as shown

When delivered, hinges will be in the following position:

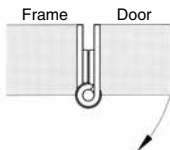


Closing spring hinge

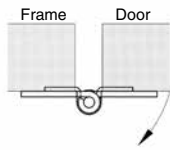


Opening spring hinge

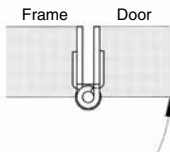
Mounting and opening direction



Opening spring hinge

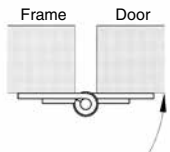


Closing spring hinge



Closing spring hinge

Concealed mounting



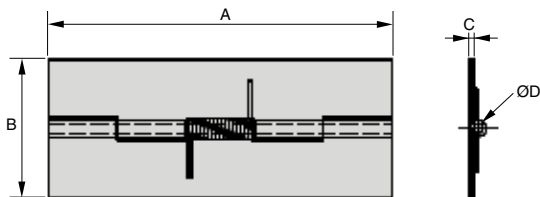
Opening spring hinge

Surface mounting

The arrow indicates the direction of rotation of the hinge due to the effect of the spring

- Hinge with opening spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinges:** steel, stainless steel spring
 - CHAR/SS hinges:** stainless steel 304, stainless steel spring
- Finish: natural
- Spring torque
 - M(0°): 0.12 Nm
 - M(90°): 0.095 Nm
 - M(180°): 0.07 Nm

Available
in steel or
stainless
steel



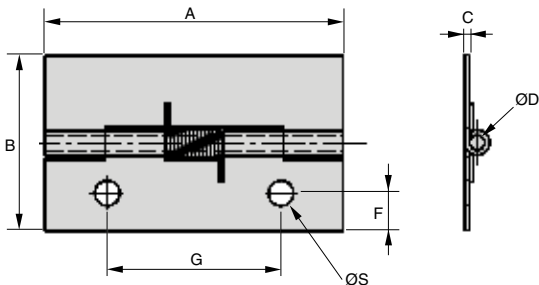
DISCOUNTS

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

Part number	A	B	C	ØD	Spring	Weight (g)	Stock*	Price each 1 to 5
CHAR7530	75	30	0,8	2	Opening	17	✓	11,01 €
CHAR7530/SS	75	30	0,8	2	Opening	17	✓	19,66 €

*Depending on availability - Dimensions in mm

- Hinge with opening or closing spring
- Sheet metal with rolled knot
- Materials:
 - Hinges: steel
 - Spring: stainless steel 304
 - Finish: natural
- Opening spring torque:
 - M(0°): 0.09 Nm
 - M(90°): 0.07 Nm
 - M(180°): 0.045 Nm
- Closing spring torque:
 - M(0°): 0.045 Nm
 - M(90°): 0.07 Nm
 - M(180°): 0.09 Nm



DISCOUNTS

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

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Stock*	Price each 1 to 5
CHAR6035	60	35	1	3	7,5	35	5	Opening	22	✓	14,91 €
CHAR6035-F	60	35	1	3	7,5	35	5	Closing	22	-	11,12 €

*Depending on availability - Dimensions in mm

CHAR

Automatic return

- Hinge with opening spring

- Sheet metal with rolled knot

- Materials:

CHAR hinges: steel, spring :stainless steel

CHAR/SS hinges: stainless steel 304: spring stainless steel

- Finish: natural

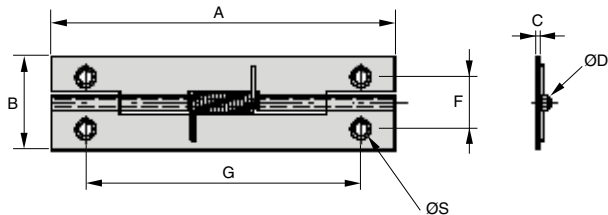
- Spring torque

M(0°): 0.12 Nm

M(90°): 0.09 Nm

M(180°): 0.06 Nm

Available
in steel or
stainless
steel



DISCOUNTS

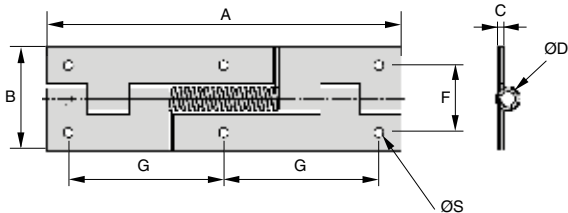
Qty	1+	6+	20+	50+
Disc.	List	-5%	-10%	On request

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Stock*	Price each 1 to 5
CHAR7520	75	20	0,8	1,8	11,2	60	2	Opening	11,5	✓	15,19 €
CHAR7520/SS	75	20	0,8	1,8	11,2	60	2	Opening	11,5	✓	22,08 €

*Depending on availability - Dimensions in mm

- Hinge with opening or closing spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinges:** steel, spring :stainless steel
 - CHAR/SS:** Hinges: stainless steel 304 ,
spring : stainless steel
- Finish: natural
- Opening spring torque:
 - M(0°) : 0.9 Nm
 - M(90°) : 0.86 Nm
 - M(180°) : 0.6 Nm
- Closing spring torque:
 - M(0°) : 0.6 Nm
 - M(90°) : 0.86 Nm
 - M(180°) : 0.9 Nm

Available
in steel or
stainless
steel



DISCOUNTS

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

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Stock*	Price each 1 to 5
CHAR16046	160	46	3	6,5	30	70	4,2	Opening	208	-	30,33 €
CHAR16046-F	160	46	3	6,5	30	70	4,2	Closing	208	-	28,99 €
CHAR16046/SS	160	46	3	6,5	30	70	4,2	Opening	208	✓	43,14 €

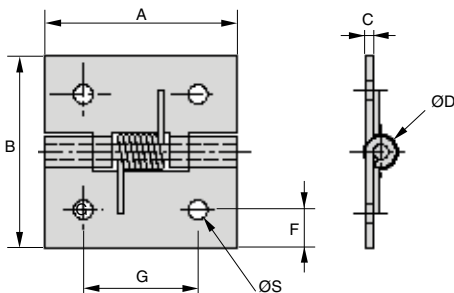
*Depending on availability - Dimensions in mm

CHAR

Automatic return

- Hinge with opening or closing spring
- Sheet metal with rolled knot
- Materials:
 - CHAR hinge:** plated steel, spring :stainless steel
 - CHAR/SS hinge:** natural stainless steel 304: spring stainless steel
- Opening spring torque
 - M(0°): 1.5 Nm
 - M(90°): 1.1 Nm
 - M(180°): 0.65 Nm
- Closing spring torque
 - M(0°): 0.65 Nm
 - M(90°): 1.1 Nm
 - M(180°): 1.5 Nm

Available
in steel or
stainless
steel



DISCOUNTS

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

Part number	A	B	C	ØD	F	G	ØS	Spring	Weight (g)	Stock*	Price each
											1 to 5
CHAR5050/Z	50	50	2	4	9	30	5	Opening	50	✓	8,78 €
CHAR5050-F/Z	50	50	2	4	9	30	5	Closing	50	✓	9,20 €
CHAR5050/SS	50	50	2	4	10	30	5	Opening	50	✓	25,30 €
CHAR5050-F/SS	50	50	2	4	10	30	5	Closing	50	✓	25,30 €

*Depending on availability - Dimensions in mm

Our other products



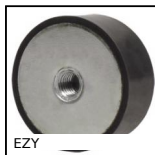
AT5M AT10M

AT type timing belt per metre, AT5 Steel cored polyurethane



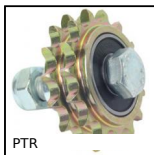
SHA

Handwheel without handle, Polyamide



EZY

Cylindrical stop, Steel



PTR

Idler chain sprocket, For standard applications



ZDB

Machined plastic bevel gear, 2:1



PO

Pull handle - Multi-sector, Smooth hole



RBGtc

Swivel castor with central hole, Steel - grey rubber - with double b...



WS16

Drylin® W rail, Rail



SSDB

Stainless steel bevel gear, 2:1



PGR

Folding revolving handle for handwheel,



J53

Spur gear coaxial gearbox, from 0.43 to



Gdal

Double universal joint eco series, Low duty

Complementary products



CHAR6035

Spring hinge screwed/welded, screwed/welded



CHAR7520

Spring hinge for screw mounting, screwed