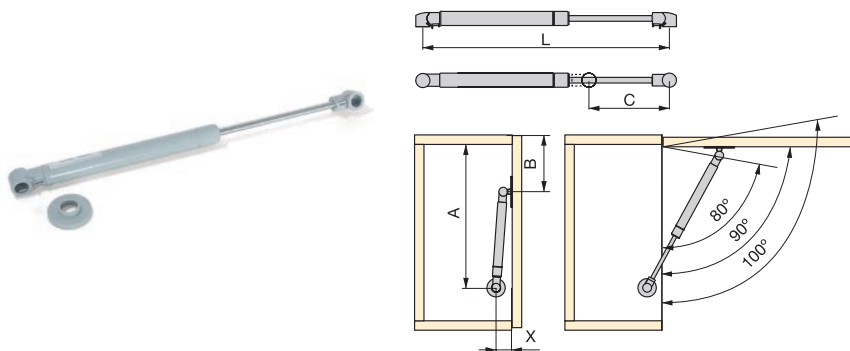


**PISTONI E AGGANCI**

*PISTONS AND LATCHES*

**Pistone per pensili**

*Piston for lift-ups*



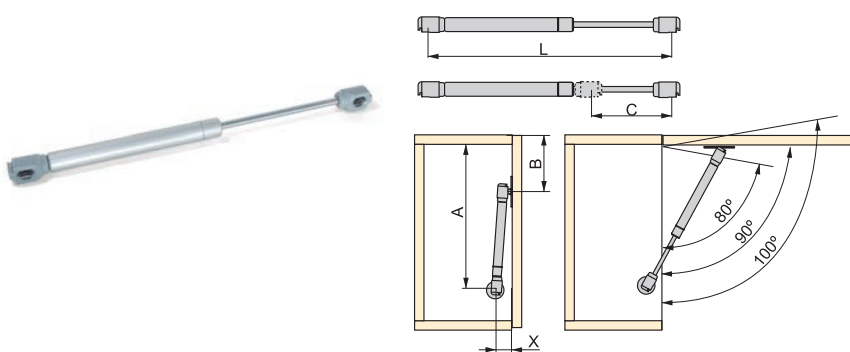
Forza Force	L	C	Cod.	25	20
8 kg	470	200	12570	25	20
11 kg	470	200	12579	25	20
5 kg	276	100	12357	25	20
8 kg	276	100	12278	25	20
11 kg	276	100	12279	25	20
20 kg	276	100	12448	25	20
2 kg	243	80	12581	25	20
5 kg	243	80	12439	25	20
8 kg	243	80	12440	25	20
11 kg	243	80	12441	25	20
5 kg	180	50	12638	25	20

Acciaio e tecnoplastica / Steel and plastic



**Pistone H per pensili**

*H piston for lift-ups*



Forza Force	L	C	Cod.	25	20
5 kg	276	100	12591	25	20
8 kg	276	100	12592	25	20
11 kg	276	100	12593	25	20
5 kg	243	80	12594	25	20
8 kg	243	80	12595	25	20
11 kg	243	80	12596	25	20

Acciaio e tecnoplastica / Steel and plastic



C	α°	A	B	X
50	80°	186	70	25
	90°	175	63	
	100°	167	55	
80	80°	248	95	40
	90°	233	87	
	100°	221	80	
100	80°	274	100	40
	90°	257	95	
	100°	245	87	
200	80°	477	177	40
	90°	446	172	
	100°	417	169	

- Per ante in legno e alluminio.
- Per sormonti differenti a 15mm sommare il valore A+15-sormonto.
- Per ante di larghezza superiore a 450 mm si consiglia l'uso di 2 ammortizzatori.
- For wooden and aluminium doors.
- For overhangs other than 15mm, calculate value A+15-overhang.
- For doors wider than 450mm the use of 2 springs is recommended.



**CALCOLO DELLA FORZA DELL'AMMORTIZZATORE**

F: Forza di spinta in kg.  
P: Peso dell'antain kg.  
H: Altezza anta in mm.  
B: Punto di aggancio in mm.

**CALCULATING STRENGTH OF STAY**

F: Force supported by piston in kg.  
P: Weight of door in kg.  
H: Height of door in mm.  
B: Fixing point of piston in mm.

$$F = \frac{P \times H \times 0,6}{B}$$



**CALCOLO DEL PESO DELL'ANTA**

P = Peso dell'anta in kg.  
H = Altezza dell'anta in cm.  
A = Larghezza dell'anta in cm.  
e = Spessore dell'anta in cm.  
d = Densità del materiale.

**CALCULATING WEIGHT OF DOOR**

P = Weight of the door in kg.  
H = Height of the door in cm.  
A = Width of the door in cm.  
e = Thickness of the door in cm.  
d = Density of door material

Particle board: d = 0,72kg/dm<sup>3</sup>.  
MDF: d = 0,75kg/dm<sup>3</sup>.  
Glass: d = 2,54kg/dm<sup>3</sup>.

$$P = \frac{H \times A \times e \times d}{1.000}$$



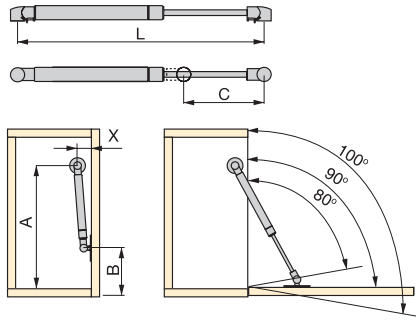
**CALCOLO PER ANTE IN LUCE:**  
Sommare E+1 per calcolare A e X essendo E lo spessore del pannello.



**HOW TO CALCULATE THE MOUNTING:**  
Add E+1 to calculate A and X, being E the thickness of the board.



**Pistone per ribalta**

*Piston for folding*



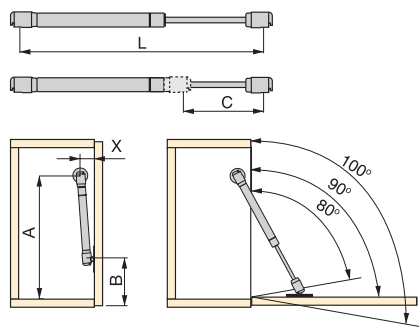
Forza Force	L	C	Cod.		
6 kg	276	100	<b>12442</b>	<b>25</b>	20
12 kg	276	100	<b>10002</b>	<b>25</b>	20
18 kg	276	100	<b>12557</b>	<b>25</b>	20
6 kg	243	80	<b>12332</b>	<b>25</b>	20
12 kg	243	80	<b>10005</b>	<b>25</b>	20



Acciaio e tecnoplastica / Steel and plastic



**Pistone H per ribalta**

*H piston for folding*



Forza Force	L	C	Cod.		
6 kg	276	100	<b>12716</b>	<b>25</b>	20
12 kg	276	100	<b>12717</b>	<b>25</b>	20
18 kg	276	100	<b>12718</b>	<b>25</b>	20
6 kg	243	80	<b>12719</b>	<b>25</b>	20
12 kg	243	80	<b>12720</b>	<b>25</b>	20

Acciaio e tecnoplastica / Steel and plastic



C	$\alpha$	A	B	X
80	80°	248	95	25
	90°	233	87	
	100°	221	80	
100	80°	274	100	40
	90°	257	95	
	100°	245	87	



**CALCOLO PER ANTE IN LUCE:**  
Sommare E+1 per calcolare A e X  
essendo E lo spessore del pannello.

**HOW TO CALCULATE THE MOUNTING:**  
Add E+1 to calculate A and X, being  
E the thickness of the board.

- Per ante in legno e alluminio.
- Per sormonti differenti a 15mm sommare il valore A+15-sormonto.
- Per ante di larghezza superiore a 450 mm si consiglia l'uso di 2 ammortizzatori.

- For wooden and aluminium doors.
- For overhangs other than 15mm, calculate value A+15-overhang.
- For doors wider than 450mm the use of 2 springs is recommended.



**CALCOLO DELLA FORZA DELL'AMMORTIZZATORE**

F: Forza di spinta in kg.  
P: Peso dell'anta in kg.  
H: Altezza porta in mm.  
B: Punto di aggancio in mm.

**CALCULATING STRENGTH OF STAY**

F: Force supported by piston in kg.  
P: Weight of door in kg.  
H: Height of door in mm.  
B: Fixing point of piston in mm.

$$F = \frac{P \times H \times 0,6}{B}$$



**CALCOLO DEL PESO DELL'ANTA**



P = Peso dell'anta in kg.  
H = Altezza dell'anta in cm.  
A = Larghezza dell'anta in cm.  
e = Spessore dell'anta in cm.  
d = Densità del materiale.  
Truciolare: d = 0,72kg/dm<sup>3</sup>.  
MDF: d = 0,75kg/dm<sup>3</sup>.  
Cristallo: d = 2,54kg/dm<sup>3</sup>.

**CALCULATING WEIGHT OF DOOR**

P = Weight of the door in kg.  
H = Height of the door in cm.  
A = Width of the door in cm.  
e = Thickness of the door in cm.  
d = Density of door material  
Particle board: d = 0.72kg/dm<sup>3</sup>.  
MDF: d = 0.75kg/dm<sup>3</sup>.  
Glass: d = 2.54kg/dm<sup>3</sup>.



$$p = \frac{H \times A \times e \times d}{1.000}$$

**Confezione di pistone H vasistas con agganci***Set of H piston for lift-ups with latches*

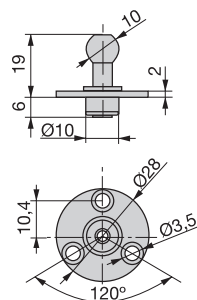
Forza Force	L	C	Cod. 	
5 kg	276	100	<b>10059</b>	25 10
8 kg	276	100	<b>10057</b>	25 10
11 kg	276	100	<b>10058</b>	25 10
5 kg	243	80	<b>10109</b>	25 10
8 kg	243	80	<b>10056</b>	25 10
11 kg	243	80	<b>10080</b>	25 10



Acciaio e tecnoplastica / Steel and plastic

**Confezione di pistone H ribalta con agganci***Set of H piston for folding with latches*

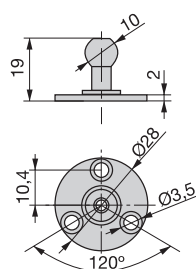
Forza Force	L	C	Cod. 	
12 kg	276	100	<b>10082</b>	25 10
6 kg	243	80	<b>10055</b>	25 10
12 kg	243	80	<b>10081</b>	25 10



Acciaio e tecnoplastica / Steel and plastic

**Aggancio fianco con perno Ø10***Side panel cath without pivot*

Cod. 	
<b>12280</b> 07	20

Acciaio / Steel

Vite raccomandata Ø3.  
Ø3 screws recommended.**Aggancio fianco***Side panel catch*

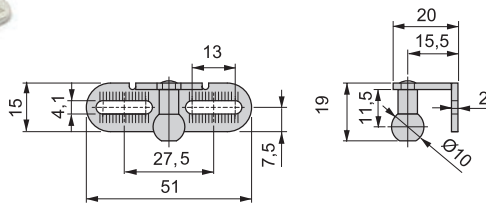
Cod. 	
<b>12666</b> 07	20

Acciaio / Steel

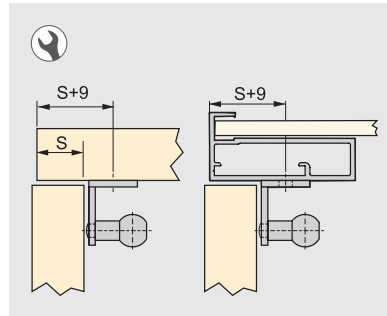
Vite raccomandata Ø3.  
Ø3 screws recommended.

### Aggancio per anta in legno

Catch for wooden doors



- Per ante in legno o in alluminio Plus 4- 4E-11-14-15-16-17-18.



- For wooden door or Plus 4- 4E-11-14-15-16-17-18.

Cod. 

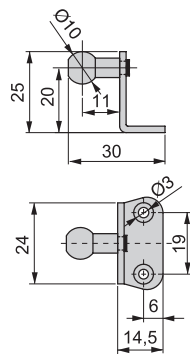


12281 07 20

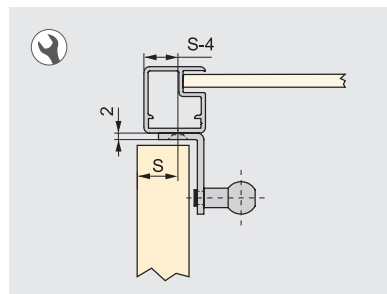
Acciaio / Steel

### Aggancio per anta in alluminio

Catch for aluminium door



- Utilizzabile su Plus 7-10.



- To use with Plus 7-10.

Cod. 

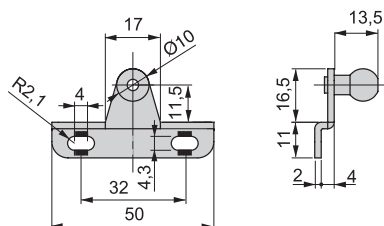


12282 07 20

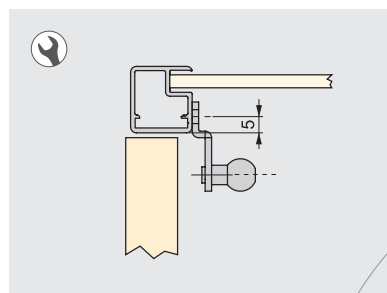
Acciaio / Steel

### Aggancio per anta in alluminio

Catch for aluminium door



- Utilizzabile su Plus 7-10.



- To use with Plus 7-10.

Cod. 



12324 07 20

Acciaio / Steel