



Made in Italy

Material: Iron  
Color: Matt Black



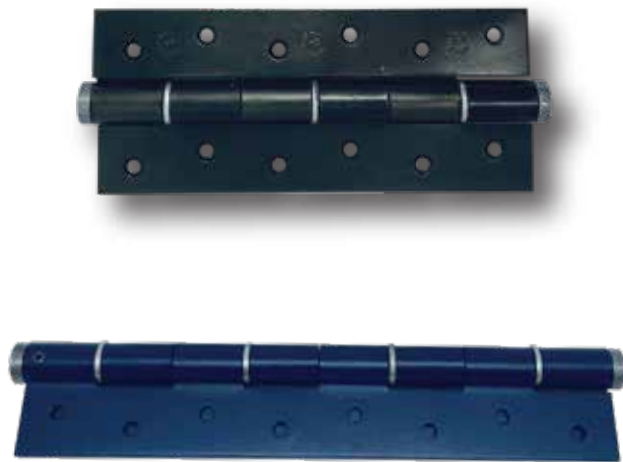
540 - 545  
hinge



**ART. 540**  
Single Acting Spring Hinges



**ART. 545**  
Double Acting Spring Hinges



## MATERIALS

**IRON**  
ART. 540/545

-  BRONZE
-  BRASS
-  ALUMINUM
-  BLUE
-  MATT BLACK

**STAINLESS STEEL**  
**304**  
ART. 3540/3545

-  MATT
-  POLISHED

## VERTICAL COMPRESSION TEST

minimum 2 hinges

HINGE	FORCE (N)	FORCE (KG)
120 mm	14'451	1'443
180 mm	22'149	2'156
240 mm	27'963	2'851

*Note: the main damage dynamic of the hinges was recorded mainly on the tightening screws, in minor part on the hinge body that was only deformed.*

## CYCLIC TEST

15'000 cycles

HINGE	FORCE (N)	FORCE (KG)
1	18.32	1.86
2	38.74	3.95
3	26.27	2.67
4	57.85	5.89
5	cycles not guaranteed	cycles not guaranteed
6	cycles not guaranteed	cycles not guaranteed

*Note: the load values indicated, by repeatability, were acquired at 40mm of vertical travel of the crossbar, corresponding to the complete opening of the hinge.*