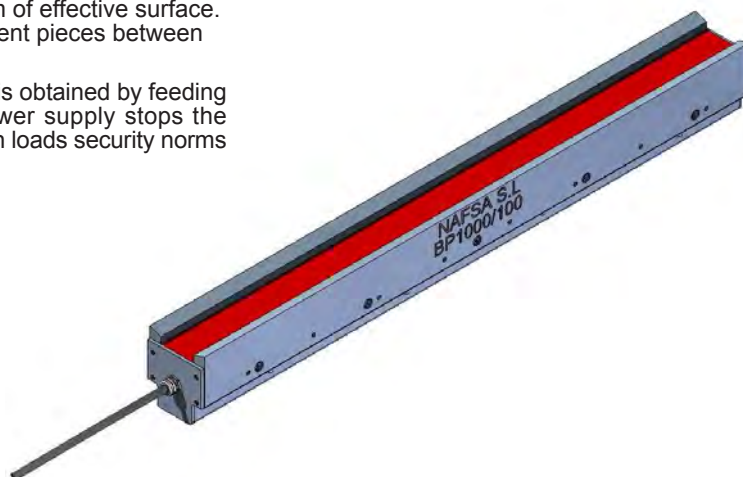


BP1000/100 TYPE

It is a bipolar holding electromagnet with 1000mm of effective surface. The face is made with an angle to work with different pieces between $\varnothing 120$ mm y $\varnothing 250$ mm.

The attraction and holding of the magnetic pieces is obtained by feeding the coil inside the electromagnet. When the power supply stops the electromagnet loses the piece. When working with loads security norms must be respected.

Protection rate: IP65
Insulation class: B (130°C)
Standard voltage: 24Vdc
Standard duty cycle ED: 100%
Abs. power at 20°C: 217 W
Temperature rise " $\Delta V31$ " 40°C
Solenoid weight: 47 Kg

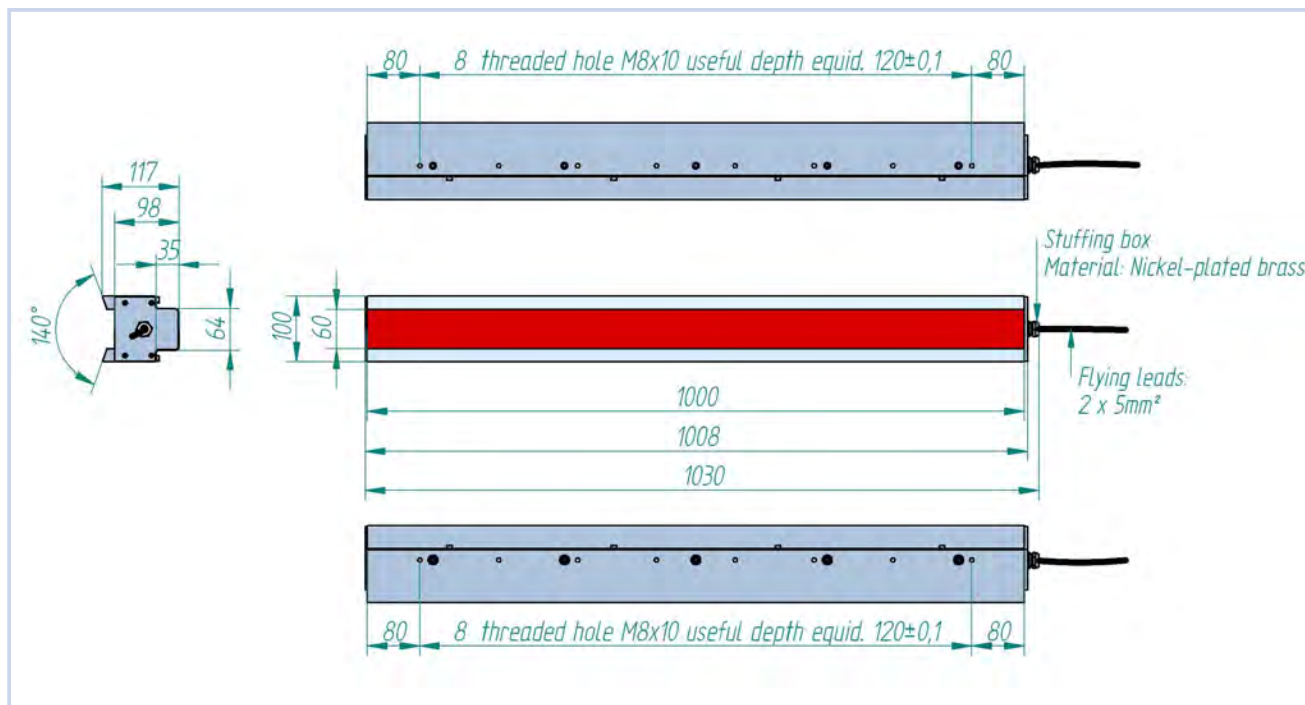



Maximum keeping force

\varnothing Round bar (mm)	Force N/mm	Force N (for bar => 1000mm)
$\varnothing 120$ - $\varnothing 200$	5.4	5400
$\varnothing 250$	8	8000

The forces values are obtained with the electromagnet at its working temperature and with the piece to be held in contact with whole attraction surface

General dimensions



 When lifting or handling heavy loads a minimum security margin of 3 must be respected, the weight of the load cannot exceed 33% of the magnetic force.

Ordering code: BP1000/100 --V ED---%

Example: Standard voltage:24Vdc Duty-cycle: ED100%: BP1000/100 24Vdc ED100%