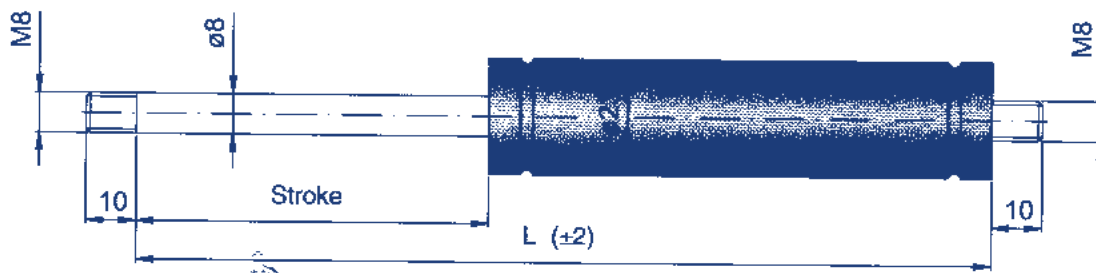




Special Dampers

(overload safety device
max. 1000N)

Piston rod	Ø 8 mm steel chromium plated
Cylinder	Ø 23 mm steel black spray coated
Fittings	Steel zinc plated



Functions

When loads are applied abruptly and fast these dampers reduce the speed enormously.

They can be supplied as brakes on extension, compression or in either direction.

Any quickly applied loads cause the piston's orifice to close and thus the usual speed is decreased drastically (from approx. 200 mm/s to 10mm/s).

Only on removing the load is the normal speed attained.

By using different oils and/or different orifices the speed and reaction time of the damper can be altered.

The damper, however, must never be used as an end stop.

Applications:

Used for height adjustable desks and production tables etc.

Base Length $L = 2 \times \text{stroke} + 90 \text{ mm}$

Overall Extended Length = $L + L1 + L2$