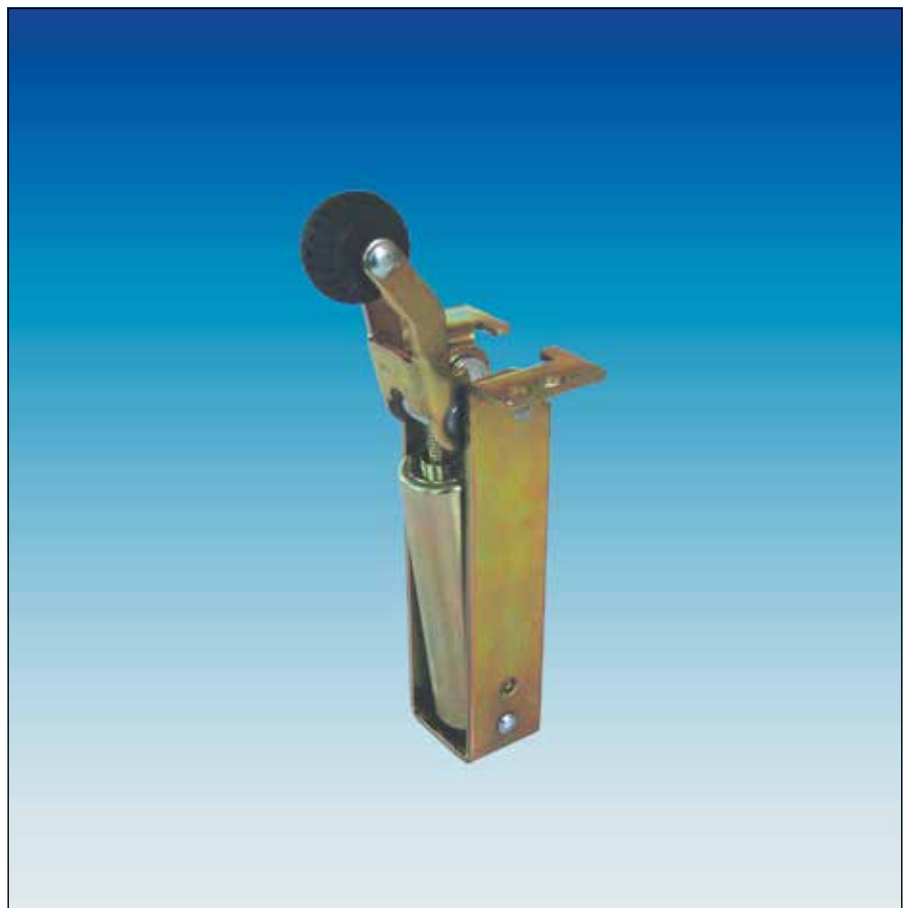


Standard Lift Door Dampers

The Original DICTATOR Standard door dampers stand out due to their excellent quality and reliable functioning. The DICTATOR product range comprises about 30 models - and is continuously completed by new custom-made types. Therefore the models shown on the following pages are just the most common types. We will gladly provide information on other types as e.g. Standard Medasa, Bassetti, Ciocca, Savof, Teka etc.

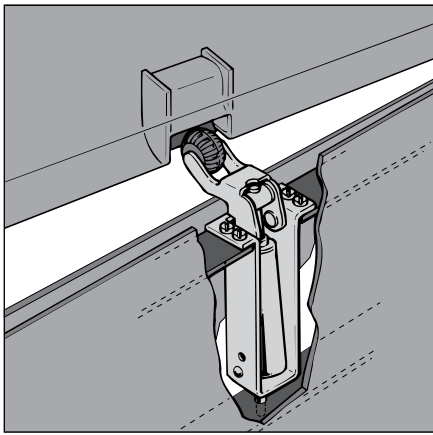
Among the **main quality features** of the DICTATOR Standard door dampers are:

- The progressive damping provides a silent and optimal closing. This is only possible because the cylinders are turned from solid material. The doors are closed without banging, there is no springing back of the door which could lead to a malfunction or damage the door contacts.
- The bearings of the operating arm are from extremely resistant sintered iron.
- The rubber roller is from abrasion-proof rubber with a moulded-in bush.
- The operational life of a DICTATOR door damper reaches more than 1 million cycles.



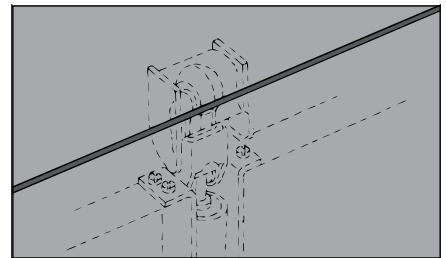
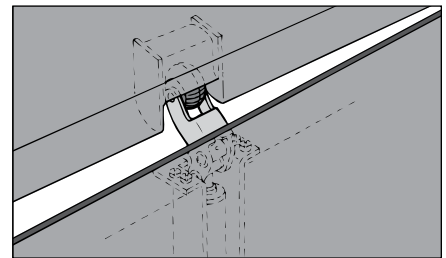
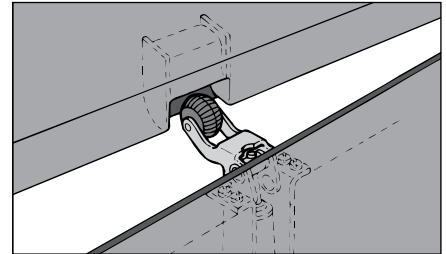
Technical Data

Operating temperature	-20 °C to +50 °C
Material / Finish	zinc-plated in yellow / stainless steel
Spring force	20 to 115 N as required
Damping fluid	silicone oil (mostly independent to temperature)
Damping characteristics	progressive - usually without final latch
Damping speed	continuously adjustable
Material of rubber roller	moulded rubber with moulded-in bush



Operation and Regulation

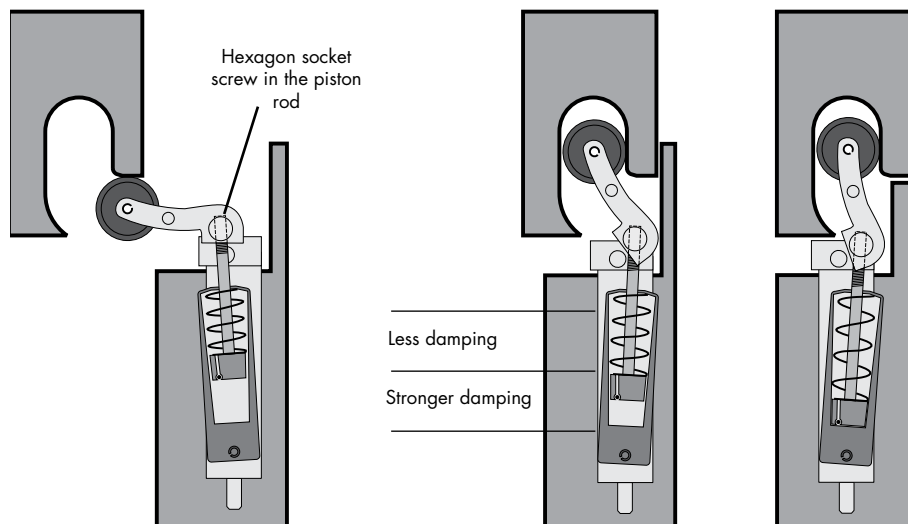
- The door can be opened easily by either pulling or pushing it. When opening the door the operating arm with the roller is pushed downwards and thus tensions the spring in the damping cylinder.
- When the door is closed the operating arm enters the inlet hook in the frame and damps the door movement smoothly and quietly.
- Finally the door check closes the door completely and keeps it firmly closed by the integrated spring, even against wind or draughts. This enables the electrical contacts in the door to work reliably with minimum wear. Furthermore the door damper prevents the lift door from banging; noise, which would reverberate in the shaft.



Adjusting the Closing Speed

The closing speed can be adjusted to achieve optimum damping both with flush and overlapping doors. Due to the conical interior of the damping cylinder, the closing movement becomes slower the further the piston enters into the cylinder (see diagram down right). Therefore an overlapping door is not damped to the optimum in the standard setting. It closes faster as the piston does not reach the bottom of the cylinder when not adjusted (see centre diagram below).

By turning the piston rod you can change the final position of the piston in the cylinder. To move the piston further down the cylinder, turn the piston rod clockwise with a hexagon socket screw key. The door will now take longer to close. Two turns of the piston rod correspond to 1 second. If you turn the piston rod anti-clockwise twice you will speed up the closing of the door by one second.



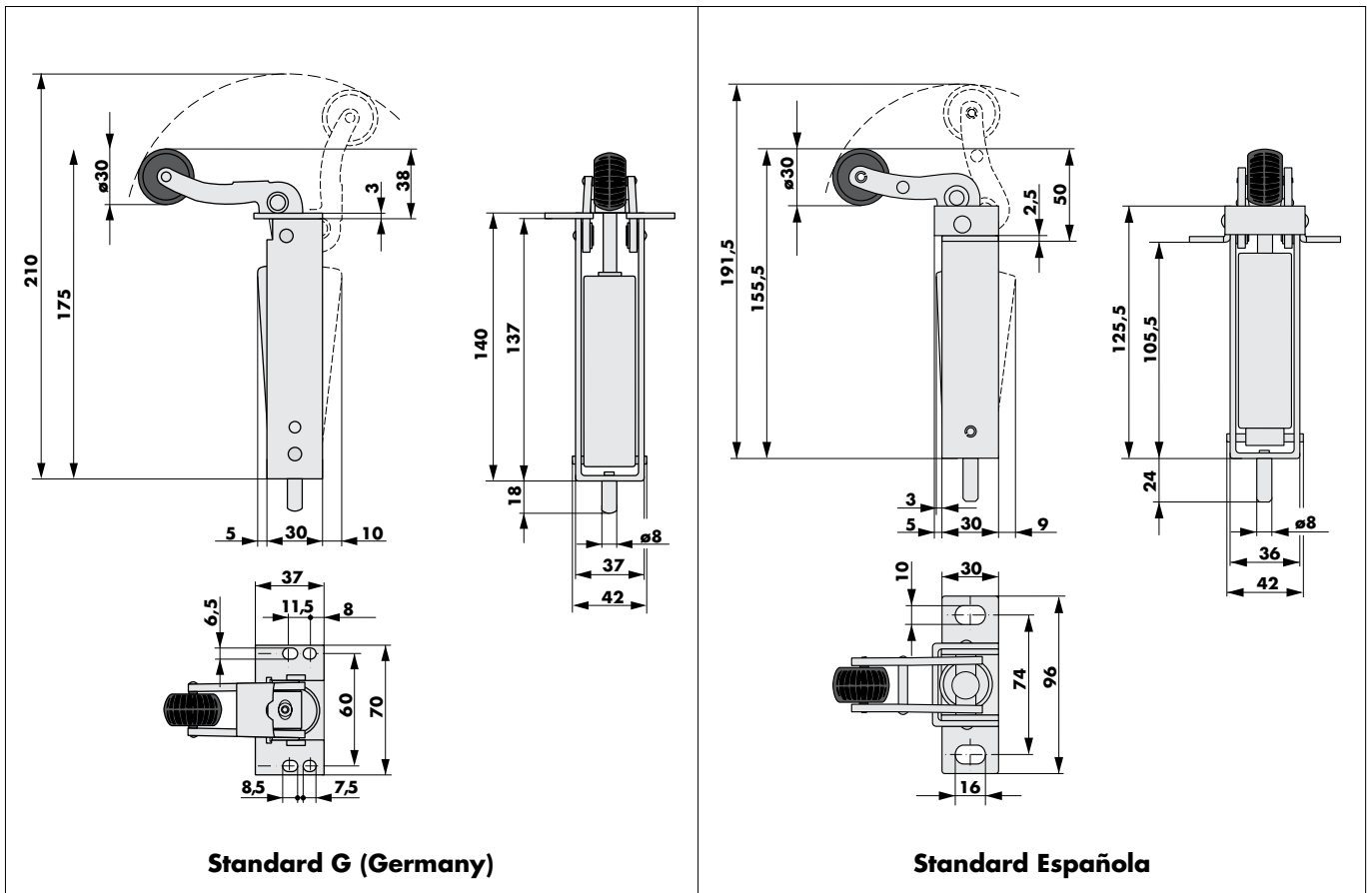


Standard Germany / Standard Española

The Standard Germany (G) door damper is used in a large number of European swing doors. The Standard Española is mainly used in Spanish lift doors.

The Standard Germany and Standard Española door dampers are inserted into the door from above. The pin at the bottom of the casing must fit into a corresponding hole in the door. The Standard Germany is fixed to the door with four screws (M6), the Standard Española with two screws (M8).

Dimensions



Order Information

Standard Germany, 20 N, zinc-plated in yellow	part no. 101000
Standard Germany, 50 N, zinc-plated in yellow	part no. 101001
Standard Germany, 80 N, zinc-plated in yellow	part no. 101002
Standard Germany, 80 N, casing AISI 304, cylinder zinc-plated in yellow	part no. 101008
Standard Española, 50 N, zinc-plated in yellow	part no. 105000
Standard Española, 80 N, zinc-plated in yellow	part no. 105001

More models on demand (e.g. other springs, roller with $\varnothing 24$ mm etc.)



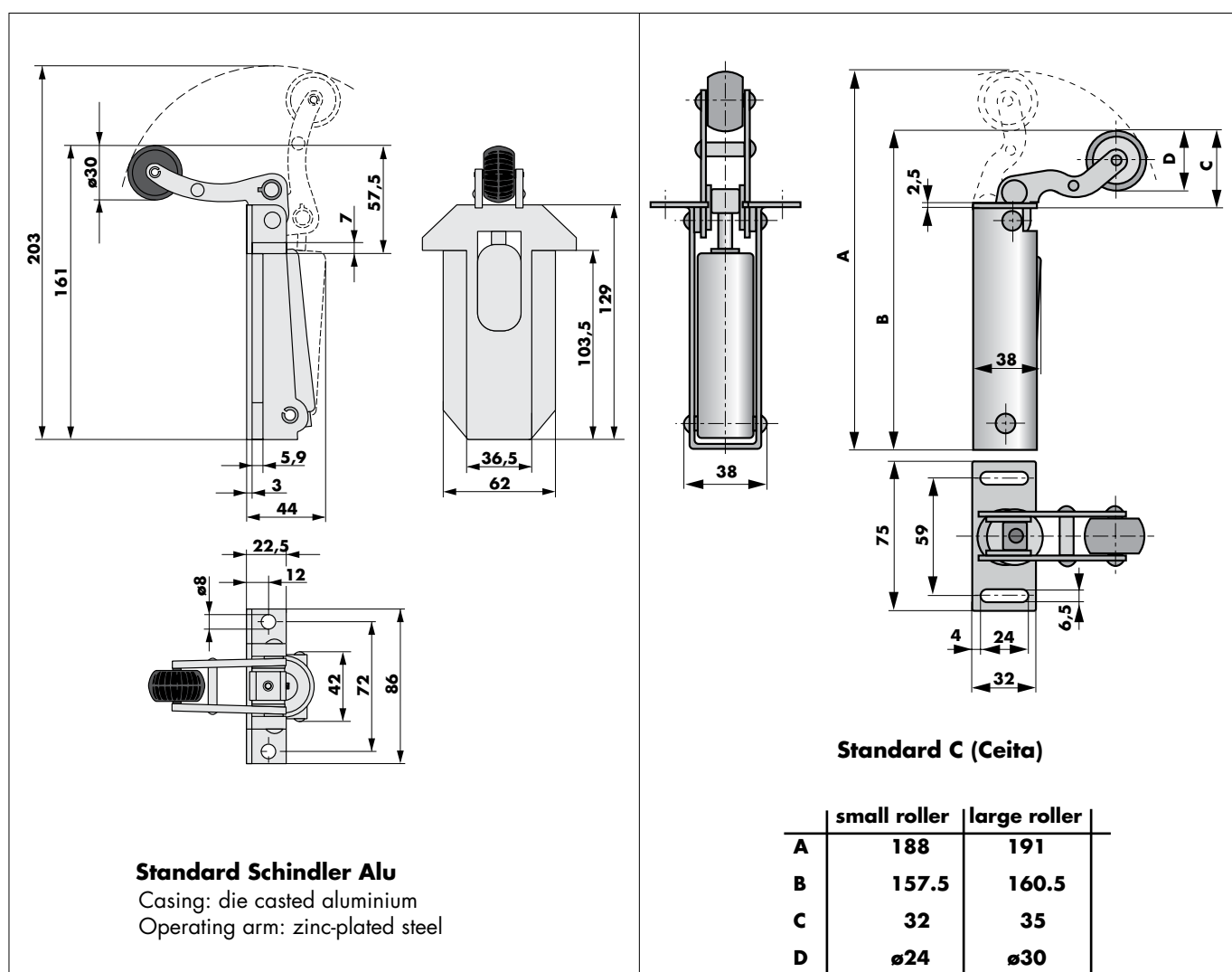
Standard Schindler Alu / Standard Ceita

The casing of the Standard Schindler Alu door damper (see adjacent photo) is made from high-precision die casted aluminium. This provides optimum function and accuracy of fit and thus guarantees a very long operational life.

Both door checks are inserted into the door from above. The lateral guidings of the Standard Schindler Alu must fit into the corresponding holes in the door. The door damper is fixed to the door with two screws (M6).

The Standard C is firstly fixed to the door with just one screw (M6) only on each side. Use the oblong holes to adjust the damper exactly. Only when this is done, it is tightened with the remaining two screws.

Dimensions



Order Information

Door damper Standard Schindler Alu, 50 N part no. 102100
 Door damper Standard Schindler Alu, 80 N part no. 102102
 Door damper Standard C, 43 N, zinc-plated in yellow, roller 24R part no. 100006
 Door damper Standard C, 43 N, zinc-plated in yellow, roller 30R part no. 100007
 More models on demand (e.g. other springs etc.)



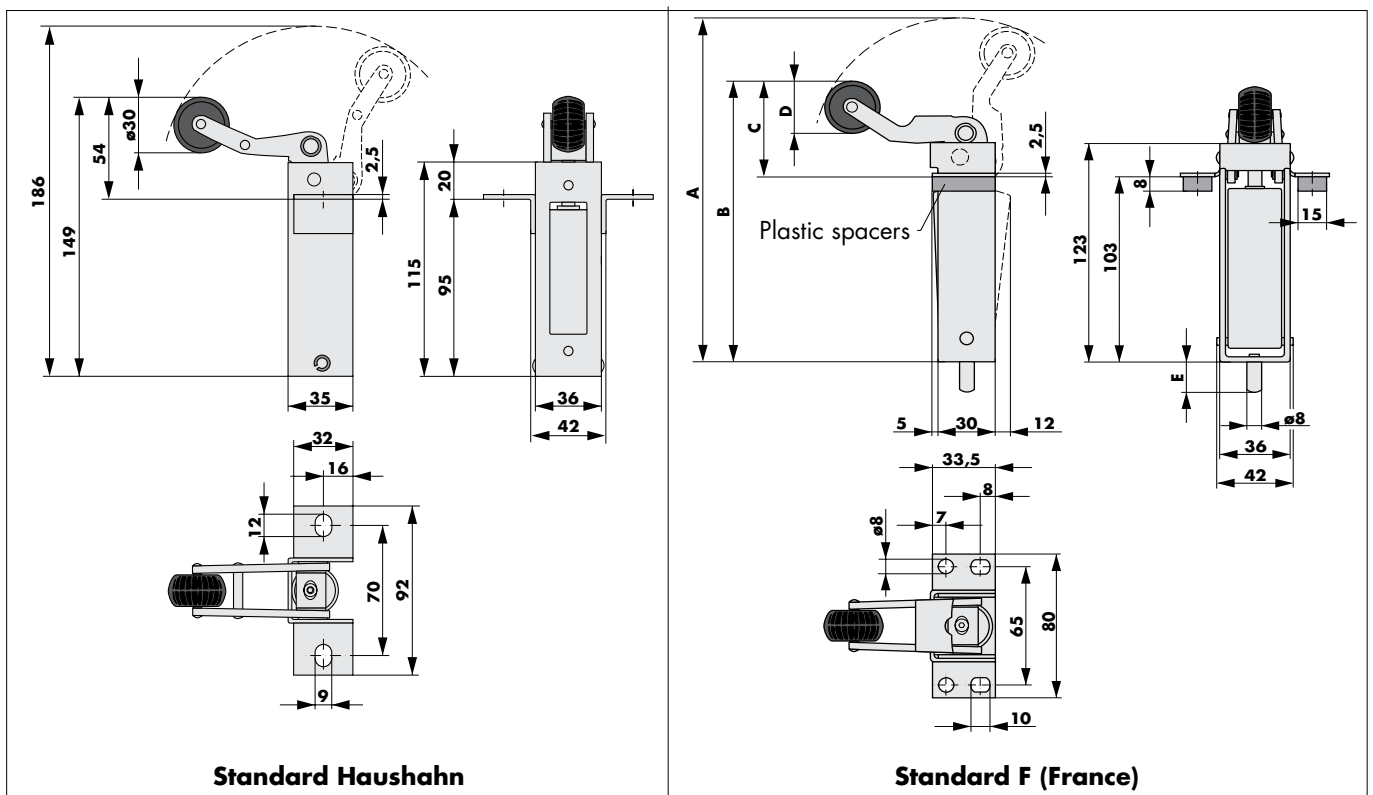
Standard Haushahn / Standard F (France)

In addition to the Standard Haushahn for hinged doors shown below there exists also a special execution for sliding doors (see page 01.051.00).

The Standard Haushahn is inserted from above into the location hole of the door. Fix the damper with two screws (M6) to the door.

The Standard F (see adjacent photo) is inserted into the door also from above. The pin at the bottom of the casing must fit into a corresponding hole in the door construction. The Standard F is fixed with four screws (M6). Two plastic spacers supplied along with the Standard F may be used to adjust it to differing heights.

Dimensions



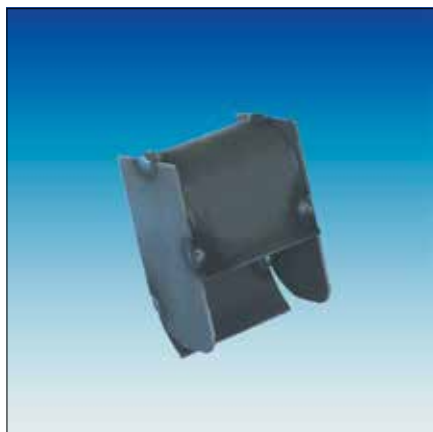
Dimensions Standard F

Standard F	with 30R roller		with 34 R roller	
	Part no.	102500	102501	102600
Meas. A [mm]	194	196	196	198
Meas. B [mm]	153	150	155	152
Meas. C [mm]	50	47	52	49
Meas. D [mm]	∅ 30	∅ 30	∅ 34	∅ 34
Meas. E [mm]	24	24	24	24
Final latch	yes	no	yes	no

Order Information

Standard F, 50 N, zinc-plated in yellow, roller 30R, with final latch	part no. 102500
Standard F, 50 N, zinc-plated in yellow, roller 30R, without f. l.	part no. 102501
Standard F, 50 N, zinc-plated in yellow, roller 34R, with final latch	part no. 102600
Standard F, 50 N, zinc-plated in yellow, roller 34R, without f. l.	part no. 102601
Standard Haushahn, 50 N, zinc-plated in yellow	part no. 203008

More models on demand
(e.g. other springs etc.)



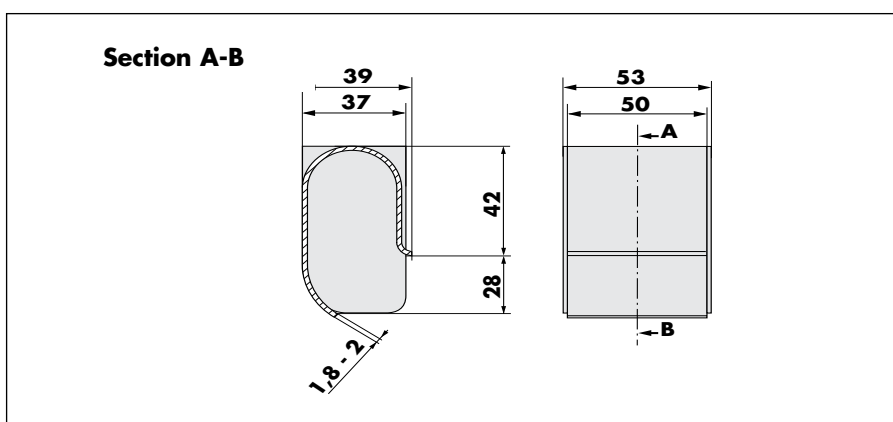
Inlet Hook for DICTATOR Door Dampers

The DICTATOR inlet hook is supplied as a counter part for most Standard door dampers. It is welded into the door frame top member and ensures optimum performance as it matches the motion pattern of the door damper operating arm. The lateral sheeting is more easy to weld than the often used auxiliary sheets.

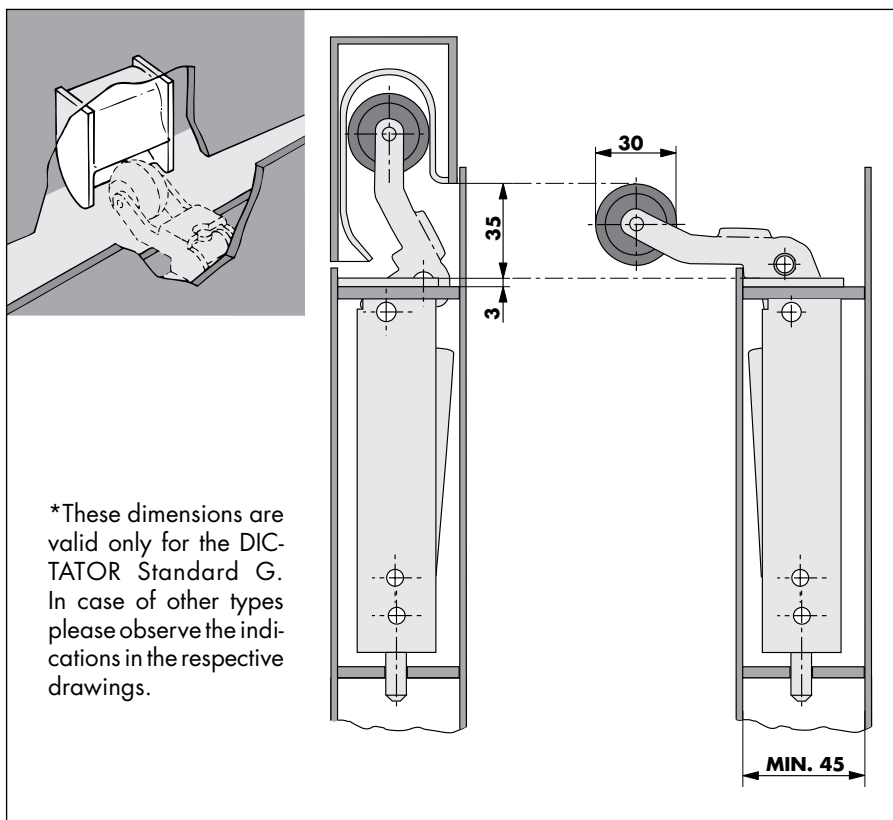
The front edge of the inlet hook should be situated about 1 mm above the rubber roller when the operating arm is in its horizontal position.

When the door is closing the operating arm of the damper enters the inlet hook with the roller, is turned upward and thus pulls the door closed.

Dimensions



Installation Dimensions



Order Information

Inlet hook from steel

part no. 103100