

Technical drawing of the Harsco DMSS 1000 door closer, showing side and front views with dimensions.

**Side View Dimensions:**

- Overall height: 47.5
- Height of the mounting bracket:  $1 \frac{7}{8}$
- Height of the door closer body: 130
- Height of the mounting plate:  $5 \frac{1}{8}$
- Overall width: 215
- Width of the mounting plate:  $8 \frac{15}{32}$

**Front View Dimensions:**

- Overall width: 47.5
- Width of the mounting bracket:  $1 \frac{7}{8}$
- Width of the door closer body: 130
- Width of the mounting plate:  $5 \frac{1}{8}$
- Overall height: 215
- Height of the mounting plate:  $8 \frac{15}{32}$


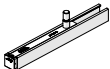
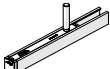



The drawing includes a side view (top) and a front view (bottom). The side view shows the door closer mounted on a wall, with dimensions for the mounting bracket, the door closer body, and the mounting plate. The front view shows the door closer mounted on a door, with dimensions for the mounting bracket, the door closer body, and the mounting plate. The Harsco DMSS logo and website (www.harsco.com) are visible on the door closer body.

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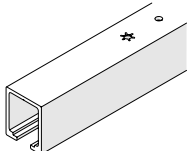

## Sets for single door, without running track

	code
HAWA-Junior 80/B (mod.), set for single door	24617
HAWA-Junior 80/B (mod.), set with a 20 mm ( $\frac{25}{32}$ ") longer hanger bolt for single door	24851
For two-panel sliding doors please order two sets for single doors.	

## Sets comprising

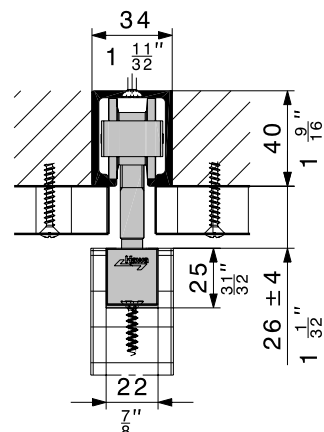
		24617	24851	code
	Two-wheeled trolley, M10, with plastic wheels	2	2	10407
	Top fixed suspension with plate and hanger bolt M10	2	–	24246
	Top fixed suspension with plate and a 20 mm ( $\frac{25}{32}$ ") longer hanger bolt M10	–	2	24846
	Track stop, adjustable retaining force	2	2	24497
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ( $\frac{3}{8}$ "), black plastic	1	1	14427

## Running tracks

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7 $\frac{1}{8}$ ")	10189
		1600 (5'3")	10190
		1800 (5'10 $\frac{7}{8}$ ")	10191
		2000 (6'6 $\frac{3}{4}$ ")	10192
		2200 (7'2 $\frac{5}{8}$ ")	10193
		2500 (8'2 $\frac{7}{16}$ ")	10194
		3000 (9'10 $\frac{1}{8}$ ")	18532
		4000 (13'1 $\frac{1}{2}$ ")	18533
		6000 (19'8 $\frac{7}{32}$ ")	10186
		cut to size	10188
	Running track, alu stainless steel effect, brushed, predrilled	4000 (13'1 $\frac{1}{2}$ ")	20005
		6000 (19'8 $\frac{7}{32}$ ")	20004
		cut to size	20006

## Variant with a 20 mm ( $\frac{25}{32}$ ") longer hanger bolt

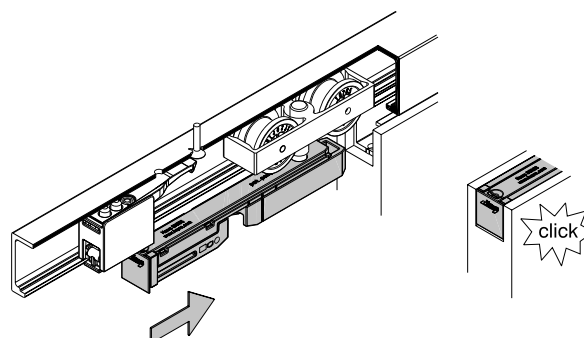
Set no. 24851 allows the running track to be covered from below with removable ceiling elements.



Attention:  
ceiling elements must be removable.

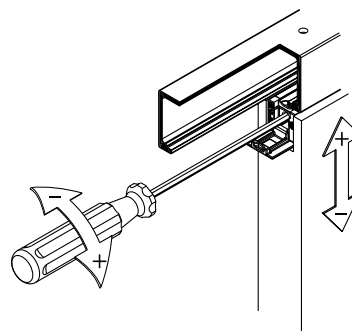
## Easy and efficient installation

The suspension trolley comes already fitted with hanger bolt, assembly wedge and cover cap with locking mechanism and is simply clicked into place as a complete unit in the suspension profile.



## Height adjustment and fine adjustment

HAWA-Junior 80/B (mod.) accommodates large structural tolerances of up to  $\pm 7$  mm ( $\frac{9}{32}$ "). Coarse adjustment via the trolley takes up to  $\pm 3$  mm ( $\frac{1}{8}$ "). Fine adjustments up to  $\pm 4$  mm ( $\frac{5}{32}$ ") are made via the adjustment mechanism in the suspension unit.








Simple fine adjustment from the leading edge.

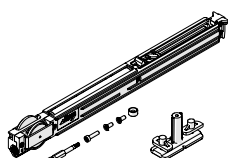
## Track stop for HAWA-Junior 80

			Nr.
	Track stop, adjustable retaining force	1 piece	24497
		set of 10 pieces	25962

## Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3 $\frac{3}{8}$ " ), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	24956
		stainless steel effect	24957
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Two-wheeled trolley, M10, with plastic wheels, set of 10 pieces		25952
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ( $\frac{3}{8}$ " ), black plastic, set of 10 pieces		25958

## Soft closing mechanism SoftMove 80 for HAWA-Junior 80

		code
	Soft closing mechanism SoftMove 80 for HAWA-Junior 80 (details: → page 68)	22444

## Fitting sets for HAWA-Adapto 80

	mm/inch	code
Fitting sets for HAWA-Adapto 80 with countersunk screws	to 2500 (8'2 $\frac{7}{16}$ " )	22841
	2501 to 4000 (8'2 $\frac{15}{16}$ " to 13'1 $\frac{1}{2}$ " )	22842
The inset profile system HAWA-Adapto allows HAWA-Junior 80 running tracks to be embedded in concrete ceilings. Details: → page 70	4001 bis 6000 (13'1 $\frac{1}{2}$ " to 19'8 $\frac{1}{4}$ " )	22843

## Planning/installation

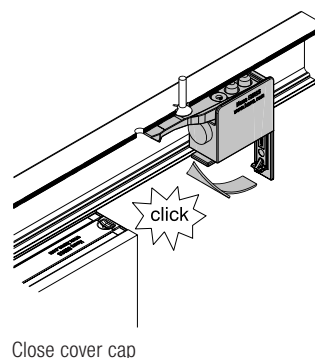
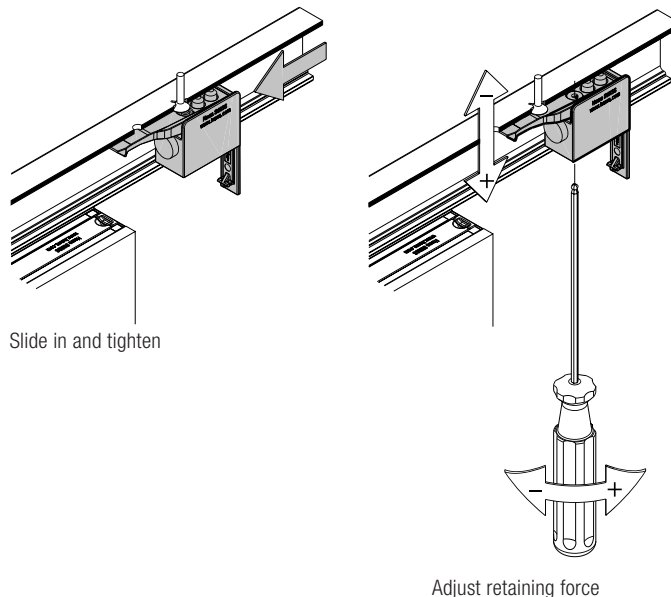
For planning and execution please use the installation instructions code 24484 – HAWA-Junior 80/B (mod.) and code 24924 – HAWA-Junior 80/B (mod.) with longer hanger bolt. (→ [www.hawa.ch](http://www.hawa.ch) → HAWA-Productfinder)

For convenient operation of sliding doors with soft closing mechanisms, use protruding handles instead of shell handles.

HAWA-Junior hardware may also be used for glass or metal sliding doors. Please request the corresponding documentation.

## Track stop for HAWA-Junior 80

The new track stop for all HAWA-Junior 80 systems is very easy to install and adjust. Its shape makes jamming during installation impossible. The integrated cover cap discreetly covers the screws after the retaining force has been set.



## Accessories

Accessories: → pages 68–83

## Order specifications

- Type and quantity of sets
- Type, quantity and length of running track
- Quantity of bottom guide channel

## Optional order specifications

- Type and quantity of bottom door stop
- Quantity of cover caps for running track
- Quantity of soft closing mechanism SoftMove 80 for HAWA-Junior 80
- Type and quantity of assembly sets for HAWA-Adapto 80