

# Interior Glass Systems

## dormakaba TENSOR double-acting hinge

dormakaba 

### Convenience & precision

The dormakaba TENSOR double-acting hinge is suitable for a wide range of applications, including conversions and renovations. The hinges can be wall, frame, or glass mount.

TENSOR's spring-aided closing function brings the door safely back to its zero position, which is adjustable at any time to ensure that double doors remain precisely aligned. This eliminates the need for a concealed floor or overhead closer.

At 90°, the TENSOR system holds the door firmly and securely in position. Once pushed to close, the spring mechanism of the TENSOR fitting takes over, operating from an angle of 80°. The door closes quickly and securely. A minimal 9 lb ft (12 Nm) is required to open it.

dormakaba TENSOR hinges have been successfully tested for 500,000 operating cycles, making TENSOR a perfect addition to the dormakaba family of top quality products.





## dormakaba TENSOR double acting hinge

### Technical details

- Simple installation: place the door at the desired zero-point and activate the spring aided self-closing function.
- Suitable for double-acting doors only and medium traffic volume.
- Single or pair of doors.
- Versions for wall or frame mount; also available for installing on glass sidelites.
- Hold-open feature at 90°.

- Fast and easy zero-position adjustment.
- Max. door weight: 143 lb (65 kg)
- Max. door width: 39-3/8" (1000)
- Max. sidelite width: 59" (1500)
- For 3/8" (10) or 1/2" (12) tempered glass.

### Note:

Measurements are shown as inches followed by millimeters; for example, 1" (25).

### Finishes



Aluminum  
EV1 Deco,  
Bright Clear  
Anodized (114)



Aluminum,  
similar to  
Satin Stainless  
Steel (113)



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