

ZENIT hinge

Three-dimensional adjustment for heavy timber entrance doors



- 16 and 20 mm diameter
- 140 kg max capacity
- Steel pivot on stainless steel ball

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Steel hinge designed for quick installation on heavy timber entrance doors.
Available in two sizes: 16 mm and 20 mm diameter.
For sashes weighing up to 140 kg
(n°. 4 – hinges ø 20 mm for 1-metre wide sashes).
Data obtained from AGB test charts.

Steel pivot on stainless steel ball point.
Up to 4 mm vertical adjustment.
This adjustment allows for even weight distribution on the hinges.

Steel pivot on stainless steel ball point.
Up to 4 mm vertical adjustment.
This adjustment allows for even weight distribution on the hinges.

Pre-treated non-loosening dowel screw with tapered point, for vertical adjustment.
It exerts pressure on the revolving ball that supports the mobile pivot. Thanks to the small contact surface this solution ensures:

- easy sash adjustment
- absolute stability
- remarkably smooth door movement

All the adjustments are made using a 5 mm Allen key.

M6 dowel to un-assembling the threaded shank and for locking the adjustment.

4 threaded adjusting shanks, pitch 1.8
Maximum tensile strength.
Screws easily into wood.

Sturdy hardened steel pins for securing the shank.

Self-lubricating bronze jacket for maximum smoothness.
Ensures perfect efficiency even after long periods without use.

Door pressure regulator with double adjustment to compensate for any settling of the wood.

ø 16 and 20 mm



Covers available in different material and finishes.

ABS: nickel plated, brass plated, light bronze plated, matt silver, white, black or brown finish.

Brass: bronze plated, nickel plated, enamelled polished, satin chromium plated, matt chromium plated.

Jigs for rebated assembly.