

HINGE

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3D ADJUSTABLE CONCEALED DOOR HINGES - MODEL H1131

S.T.A.R.S. H1131

THE CEAM HINGE FOR HEAVY DUTY DOORS

3D concealed hinges: guaranteed by strict durability tests and tested for fire doors up to 120 minutes, H1131s is even more versatile due to the wide gap between its wings.

Height: 160 mm

Depth: 29 mm

Minimum door thickness: 38 mm

Utilization: Residential, Commercial, Office, Entrance door, Marine use

Width: 32 mm

Suitable for doors: Wood, Aluminium, Steel

Fire resistance: EI30, EI60, EI120



Load capacity 2 hinges: 80 kg

Load capacity 3 hinges: 120 kg

For special door sizes and use of door closer devices, please read carefully the technical guidelines.

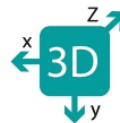
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H1131
mm.160x32

Invisible adjustable hinges for doors



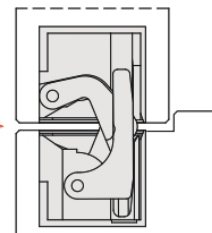
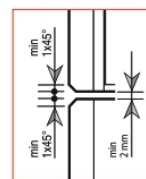
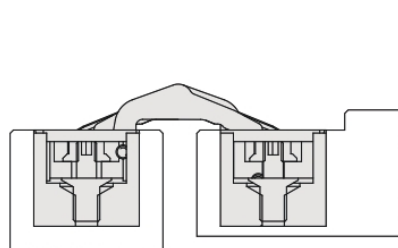
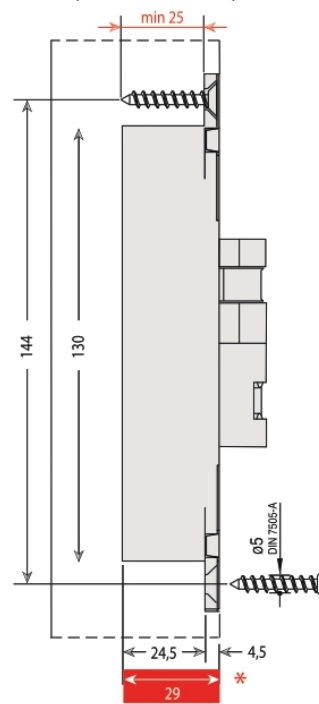
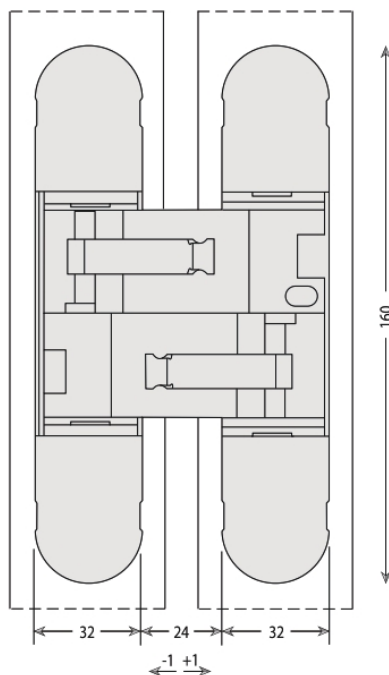
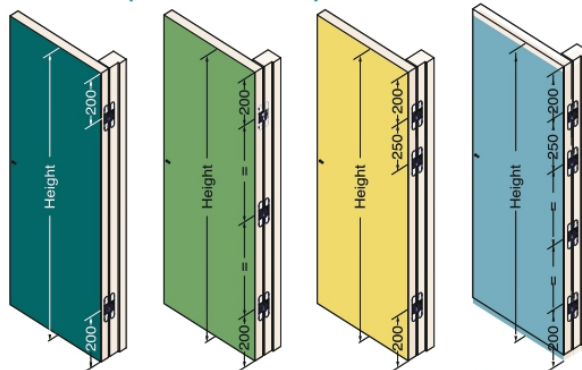
Available in 11 finishes.



MAINTENANCEFREE

MAIN FEATURES:

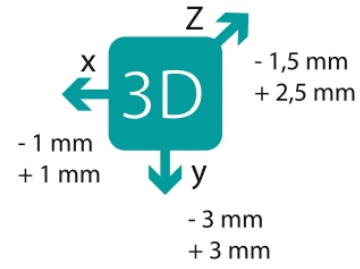
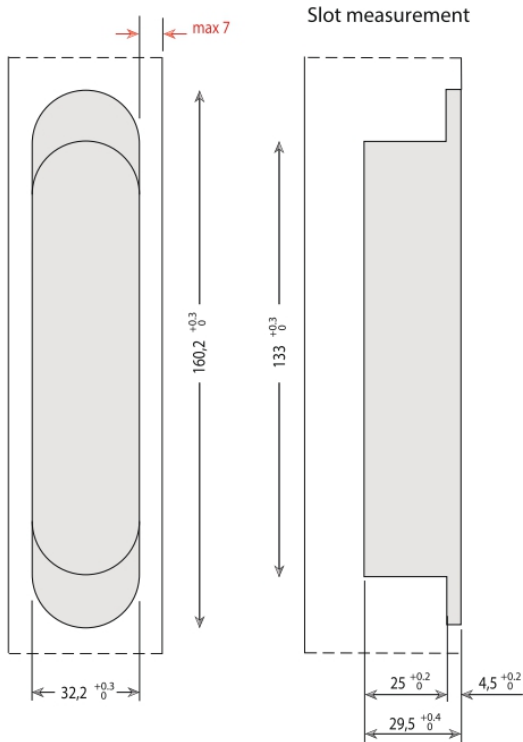
- Manufactured in zamak in 11 different finishes
- Suitable for doors of 38 mm min. thickness
- Total length 160 mm
- Depth 29 mm
- 3D adjusting system S.T.A.R.S.
- Load capacity up to 120 kg
- Easy installation and slot symmetry
- Revised in aesthetics and operation: now more elegant and resistant to oxidation due to the new external case in zincked zamak. Joint evolved for better performance: smoother movement, extremely precise, durable and now certified for doors up to 1000 mm wide



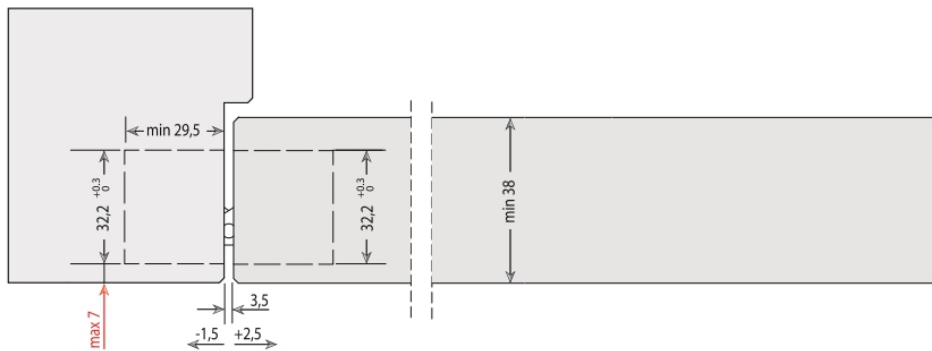
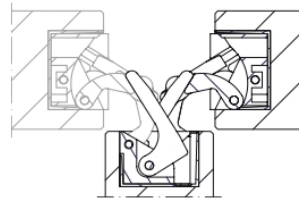
* Small drilling depth

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REVERSIBILITY
Reversible for doors from 38 mm to 46 mm thick



Door cross-section

2 HINGES LOAD CAPACITY CHART

DOOR HEIGHT (mm)	DOOR WIDTH (mm)						
	700	800	900	1000	1100	1200	1300
2200	80	80	80	78	66	59	54
2100	80	80	80	72	62	56	52
2000	80	80	80	66	58	53	49
1900	80	80	73	62	55	51	47

3 HINGES LOAD CAPACITY CHART

DOOR HEIGHT (mm)	DOOR WIDTH (mm)							4 HINGES SUGGESTED
	700	800	900	1000	1100	1200	1300	
3000	120	120	120	120	120	120	120	4 HINGES SUGGESTED
2900	120	120	120	120	120	120	120	
2800	120	120	120	120	120	120	112	
2700	120	120	120	120	120	120	105	
2600	120	120	120	120	120	114	98	
2500	120	120	120	120	120	105	92	
2400	120	120	120	120	115	98	87	
2300	120	120	120	120	106	92	83	
2200	120	120	120	117	98	86	78	
2100	120	120	120	107	91	82	75	
2000	120	120	120	98	85	77	71	

For special door sizes and use of door closer devices, please see the technical guidelines

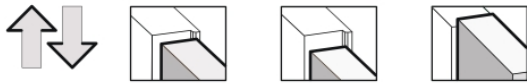
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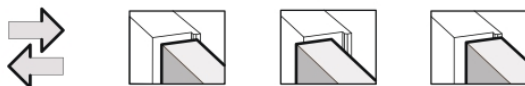
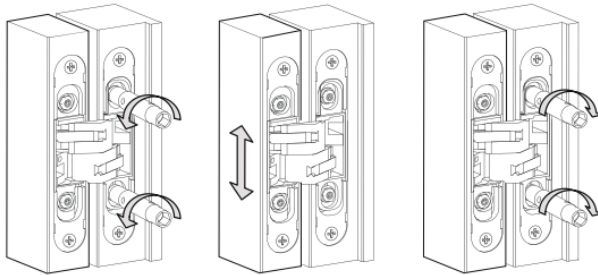


Adjustment guidelines H1131 | H1230

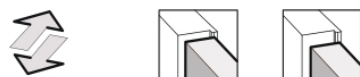
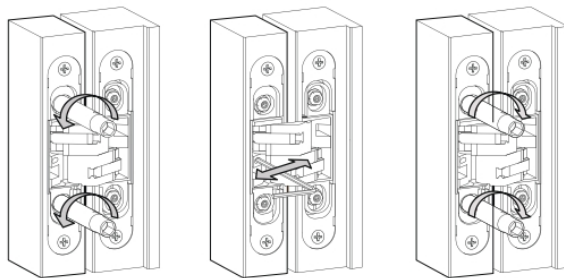
Invisible adjustable hinges for doors



Vertical adjustment



Horizontal adjustment



Depth adjustment

