

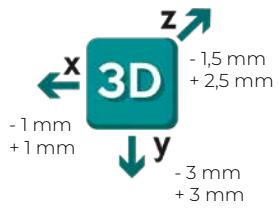


1431

180mm x 32mm
7-1/16" x 1-1/4"



MAIN FEATURES



- *Available in 12 different finishes
- Suitable for doors of 38mm min. thickness
- Easy 3D adjustments with one simple tool
- Load capacity 331 lbs. (150 kg.)
- Improved mechanism with a fluid 180° opening
- Easy installation with symmetrical mortising for door and frame
- Manufactured in Zinc to resist oxidation
- Tested for minimum 200,000 opening /closing cycles.
- Manufactured in Italy

Color	Item	Description
	C1431SIL	3D Invisible Hinge 180 x 32 Silver Painted
	C1431NK	3D Invisible Hinge 180 x 32 Nickel Plated
	C1431BLK	3D Invisible Hinge 180 x 32 Matte Black
	C1431SNI	3D Invisible Hinge 180 x 32 Satin Nickel Plated

*Other finishes available upon request

MODEL	TECHNOLOGY	MATERIAL	DIMENSION L - W - D mm / Inches	MINIMUM DOOR THICKNESS mm / Inches	RANGE OF REVERSIBILITY mm / Inches	LOAD CAPACITY kg / lbs	
						2 hinge	3 hinge
1431	Concealed Hinge	Zinc	180 x 32 x 29mm 7-1/16" x 1-1/4" x 1-1/8"	38mm 1-1/2"	38 - 45mm 1-1/2" - 1-3/4"	120 kg 265 lbs	135 kg 298 lbs

2 HINGE LOAD CAPACITY CHART (lbs)

DOOR HEIGHT (inches)	27-9/16"	31-1/2"	35-7/16"	39-3/8"	43-5/16"	47-1/4"	51-3/16"
86-5/8"	265	265	265	260	220	196	179
82-11/16"	265	265	265	238	207	185	172
78-3/4"	265	265	265	220	194	176	163
74-13/16"	265	265	240	205	183	168	157

3 HINGE LOAD CAPACITY CHART (lbs)

DOOR HEIGHT (inches)	27-9/16"	31-1/2"	35-7/16"	39-3/8"	43-5/16"	47-1/4"	51-3/16"
118-1/8"	298	298	298	298	298	298	298
114-3/16"	298	298	298	298	298	298	298
110-1/4"	298	298	298	298	298	298	278
106-5/16"	298	298	298	298	298	298	260
102-3/8"	298	298	298	298	298	282	243
98-7/16"	298	298	298	298	298	262	229
94-1/2"	298	298	298	298	287	243	216
90-9/16"	298	298	298	298	262	227	205
86-5/8"	298	298	298	291	243	214	194
82-11/16"	298	298	298	265	227	203	185
78-3/4"	298	298	298	243	212	192	176

Technical drawings include: front view (width: 32, 18.2, 32; height: 180), side view (height: 163, 148; width: 29), and detail views of the hinge mechanism and mounting holes (min 1.5mm, min 2mm, 05 DIN 934A).

Note: Manufacturing tolerance are based on metric dimensions.
Fractions are for reference only.



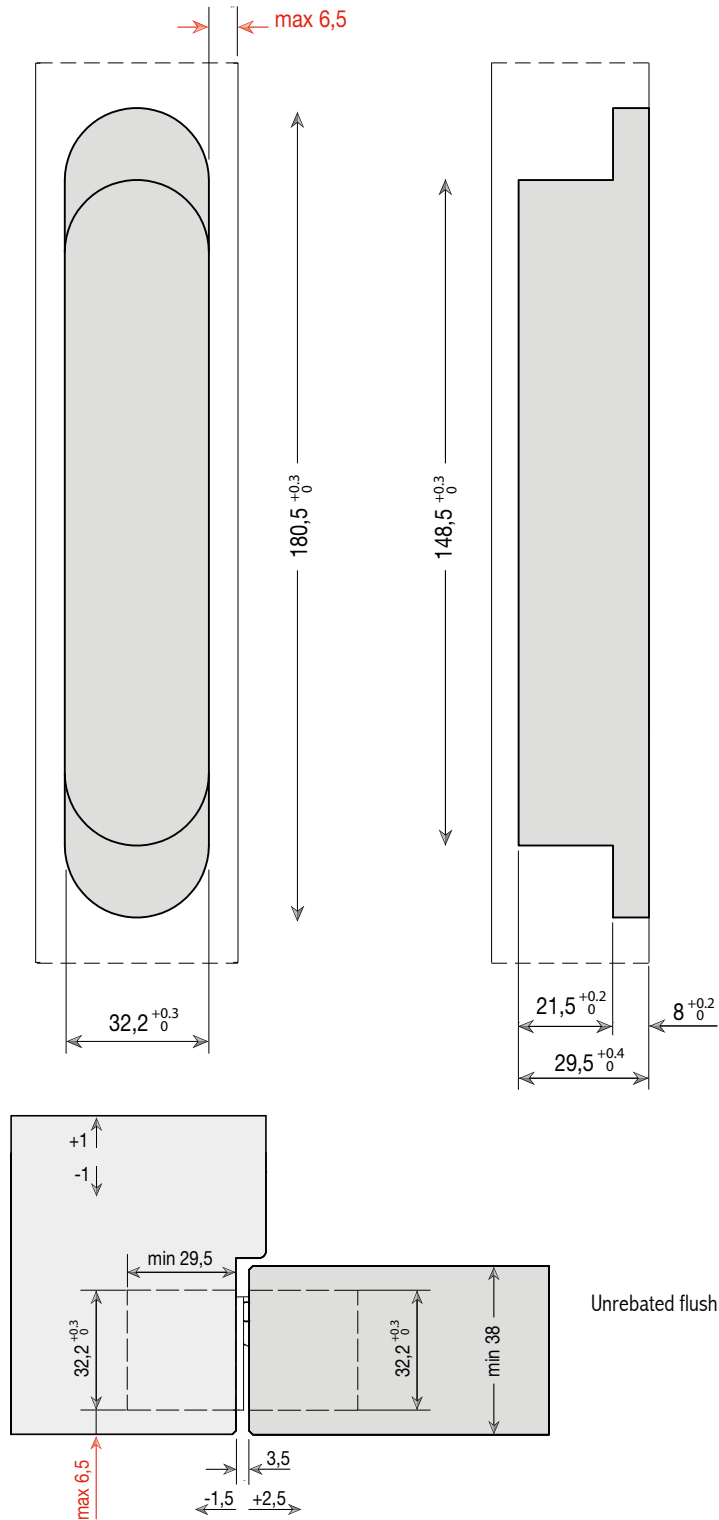


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SLOT ROUTING



Note: Manufacturing tolerance are based on metric dimensions.
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