

Grass Tiomos 110 Degree Soft Close Hinge

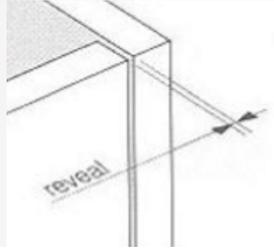
MINIMUM REVEAL TABLE

WHAT IS A REVEAL?

When a door swings, it needs a certain amount of clearance at both ends of the door so that anything close (ie. another door or a side panel) does not interfere with the opening door. This clearance gap is called the reveal. The table below shows the minimum amount of reveal needed for this hinge.

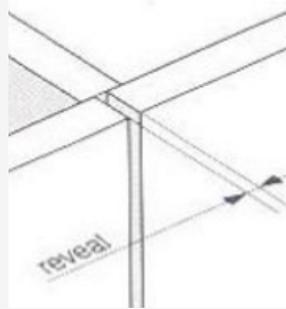
FOR INSET DOORS

The minimum reveal is very important for inset doors. For inset doors, the reveal is the gap between the edge of the door and the side panel or the edge of the face frame.



FOR OVERLAY DOORS

For overlay doors, the minimum reveal is important only if the door is close to something (ie door or wall). For overlay doors, the reveal is the gap between the edge of the door and the second door or wall. If you have back to back to back doors you must consider that both doors may be open at the same time, so you need a minimum reveal that is double what the chart says.



APPROXIMATE CONVERSION CHART

3mm	1/8"
4mm	5/32"
5mm	3/16"
5.5mm	7/32"
6mm	1/4"
7mm	9/32"
8mm	5/16"
9mm	11/32"
9.5mm	3/8"
10mm	13/32"
11mm	7/16"
12mm	15/32"
13mm	1/2"
13.5mm	17/32"
14mm	9/16"
15mm	19/32"
16mm	5/8"
17mm	11/16"
18mm	23/32"
19mm	3/4"
20mm	25/32"
20.5mm	7/8"
21mm	27/32"
22mm	7/8"
23mm	29/32"
24mm	15/16"
25.4mm	1"
26mm	1-1/32"
27mm	1-1/16"
28mm	1-3/32"
29mm	1-1/18"
30mm	1-3/16"
31mm	1-7/32"
32mm	1-1/4"
33mm	1-5/16"
34mm	1-11/32"
35mm	1-3/8"

BORE DISTANCE

		BORE DISTANCE				
		3MM	4MM	5MM	6MM	7MM
DOOR THICKNESS	16MM	1mm	1mm	1mm	1mm	1mm
	17MM	1mm	1mm	1mm	1mm	1mm
	18MM	1mm	1mm	1mm	1mm	1mm
	19MM	1mm	1mm	1mm	1mm	1mm
	20MM	1mm	1mm	1mm	1mm	1mm
	21MM	1mm	1mm	1mm	1mm	1.2mm*
	22MM	1mm	1mm	1mm	1mm	1.5mm*
	27MM	1mm	1mm	1mm	1.2mm*	2.1mm*

Table values are based on doors where the edges are rounded with a 1mm radius.

*Must be fitted with an 85 degree restriction clip