# Concealed Hinges Grass Hinges - Making the Right Choice

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Concealed hinges	Opening angle	Cup	Screw	Cup fixing Dowel	NT Quick	Arm f	ixing   Click on	Overlay/Crank	Page
Drilling and insertion ma	chinery, ı	mountin	g jig						8
Standard 95° hinges	95°	35 mm	•			•	•	Full overlay O mm crank Half overlay 8 mm crank Inset 15 mm crank	9
Standard 95° hinges 40 mm cup	95°	40 mm	•			•	•	Full overlay O mm crank  Half overlay 8 mm crank  Inset 15 mm crank	10
Standard 100°hinges	100°	35 mm	•	•	•	•	•	Full overlay O mm crank  Half overlay 8 mm crank  Inset 15 mm crank	11
Standard 110° hinges	110°	35 mm	•	•	•		•	Full overlay O mm crank Half overlay 8 mm crank	12
Standard 125° hinges	125°	35 mm	•				•	Full overlay O mm crank  Half overlay 8 mm crank	13
Wide angle 170° heavy duty hinges	170°	35 mm	•	•	•	•	•	Full overlay O mm crank  Half overlay 8 mm crank	14

TCH-FF 2010, HUK. Dimensional data not binding. We reserve the right to alter specifications without notice.

### **Grass Hinges - Making the Right Choice**

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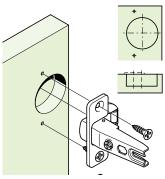
								1	
Concealed hinges	Opening angle	Cup	Screw	Cup fixing   Dowel	NT Quick	Arm 1 Slide on	ixing Click on	Overlay/Crank	Page
Pie-cut corner hinges	155°	35 mm	•				•		15
Hinges for 30° and 45° corner applications	95°	35 mm	•		•		•		16
Post hinges	95°	35 mm	•		•		•		17
Blind corner hinges	90°	35 mm	•			•		I	18
Hinges for -24° and -14° corner applications	125°	35 mm	•				•		19
Hinges with exposed axion with and without finials	270° 180°	30 mm	•	•		•		Full overlay O mm crank	20
Glass door hinges	92º	26 mm	•				•	Full overlay O mm crank  Half overlay 8 mm crank	21
Mounting plates for Slide on and Click on hinges				Soft Close dampening system, Cover plates					
				22-24					25
Tipmatic fittings and accessories 26-27					S soft cl			28	

### Cups: What type of fixing do you need?

### Screw fixing



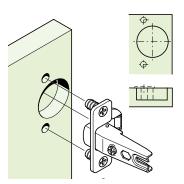
Screw fixing is the most commonly used and is available for all hinges in this range.



**Dowel fixing** 



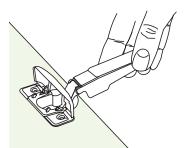
Dowel fixing is offered for some of the hinges in this range.



### **NT Quick fixing**



NT Quick fixing requires no tools for installation or removal of the hinge, simply insert into triple boring and close the flap of the hinge cup. For clip on mounting plates only.





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Suits both 48 mm and 45 mm drilling patterns

### Arms: What type of fixing do you need?

### Slide on







Sprung or unsprung

### Mounting plate choice, page 22

2 Part straight plate with internal height adjustment



2 Part cruciform plate with external height adjustment



2 Part cruciform plate with internal height adjustment



1 Part cruciform plate with external height adjustment



#### Click on

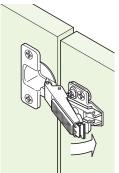






15 mm crank

Sprung or unsprung



### Mounting plate choice, pages 23-24

2 Part straight plate with cam adjustment



2 Part cruciform plate with external height adjustment



1 Part plate for face frame mounting with external height adjustment



1 Part cruciform plate with external height adjustment



2 Part cruciform plate with cam adjustment



20° and 45° mounting plates



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### **Grass Hinges - Making the Right Choice**

## **HAFELE** i

### Where do you need to position the door?

#### **Full overlay**



### Half overlay



#### Inset door

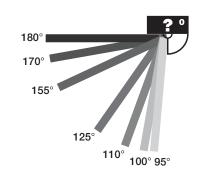


### How many hinges per door?

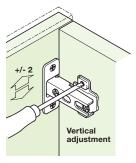
- · The graph shown gives guideline information only
- Many factors such as density of door material and mirror fronts can influence the door weight
- Do not take risks. If in doubt, a trial hanging should be made.
- Use one extra hinge rather than jeopardise safety

### Weight kg 4 - 5 6 - 9 10 - 15 16 - 22 Door width 600 600 600 600 2500 2000 1500 1000 500 Door height

### What opening angle do you need?

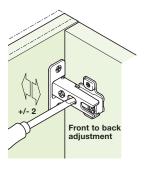


### How much cam adjustment?



Vertical; turn cam

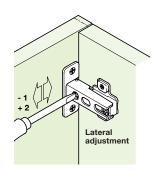
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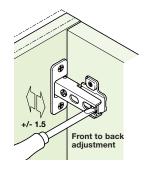
No. of hinges

Front to back; by mounting plate only, after loosening screw

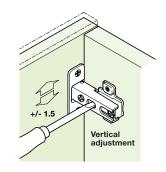
### How much standard hinge adjustment?



Lateral; by adjusting screw



Front to back; after loosening screw



Vertical; by mounting plate only, after loosening