



# COMTRAD

Simplified sourcing solutions.

## TRAINING MANUAL



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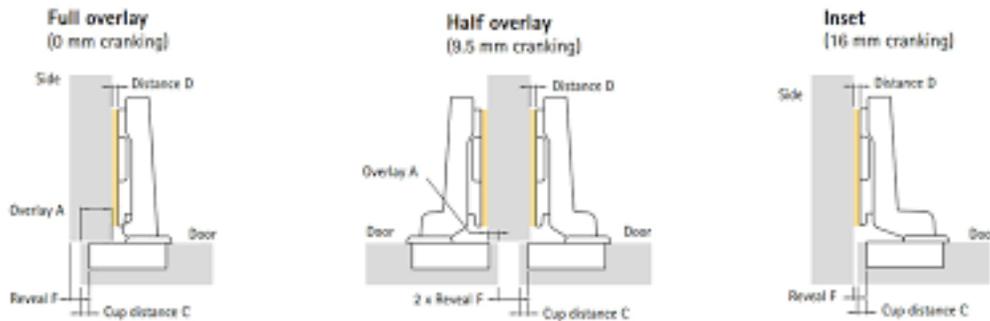




# HINGES & PLATES

## THE BASICS

Overlays:



### Common Thickness of Material in Cabinet construction:

19mm  $\frac{3}{4}$  or 16mm  $\frac{5}{8}$

### Common Opening Degree Hinges

Standard 110 degree

Wide angle 165 degree

Lazy Susan 135 degree pie cut hinge

Common angle hinge 45 degree and 30 degree.

Blind Corner hinge 90 degree

### Affixing Methods

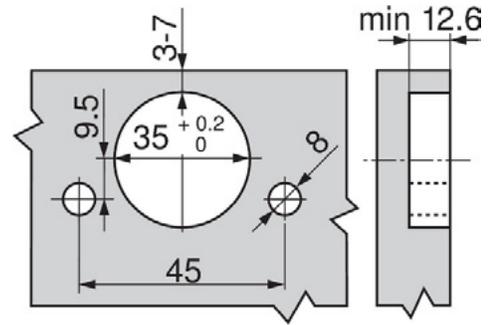
Screw-on, Knock-in, Insert, Euro Screw

**Hinges:**

Self-closing, standard hinge, clip without soft closing feature.  
 Cushion close, Standard hinge, clip with soft closing feature.

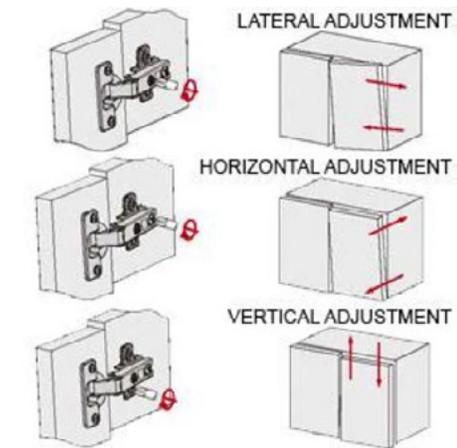
**Drilling Pattern:**

Standard European drilling pattern.



**Hinge Adjustment:**

- 2.5mm +/- side to side
- 2.5mm +/- depth
- 2.5mm +/- Up and Down



**Angle restrictor clip:**

- Step 1 — Remove door.
- Step 2 — Rotate hinge arm.
- Step 3 — Insert angle restriction clip.
- Step 4 — Rotate hinge arm.
- Step 5 — Reattach door.





Cam height adjustment plates allow for micro-adjustments in the vertical position of the door, ensuring it sits perfectly to achieve your desired reveals with a simple turn of the cam screw.



**REGULAR STAMP STEEL - EURO SCREWS**



**REGULAR STAMP STEEL - SCREW ON**



**REGULAR STAMP STEEL - EURO SCREWS**



**CAM HEIGHT ADJUSTMENT - SCREW ON**



**CAM HEIGHT ADJUSTMENT - 5MM DOWELS**



**CAM HEIGHT ADJUSTMENT - EURO SCREWS**



**CAM HEIGHT ADJUSTMENT - SCREW ON**

**FACE FRAME MOUNTING PLATES**



**REGULAR STAMP STEEL - SCREW ON**

**FACE FRAME MOUNTING PLATES**

**Testing and Certificates:**

BHMA, KCMA and ANSI tested and certified.

**Available Plate Heights:**

0mm, 2mm & 4mm

**Available Affixing Methods:**

5mm dowel, Screw-On & Euroscrew



# EUROPEAN CONCEALED HINGES

## Full Overlay

Overlay - coverage of the side end of the cabinet door

8	9	10	11	12	13	14	15	16	17	18	
						3	4	5	6	7	0
				3	4	5	6	7			2
			3	4	5	6	7				3
		3	4	5	6	7					4
3	4	5	6	7							6
Bore Distance (tab) from edge of cup bore							Mounting plate height in MM				

## Half Overlay

Overlay - coverage of the side end of the cabinet door

2	3	4	5	6	7	8	9	10	
				3	4	5	6	7	0
		3	4	5	6	7			2
	3	4	5	6	7				3
3	4	5	6	7					4
Bore Distance (tab) from edge of cup bore					Mounting plate height in MM				

## Inset Overlay

Overlay - coverage of the side end of the cabinet door

-1	0	1	2	3	4	5	6	7	
6	5	4	3					7	0
		6	5	4	3				2
			6	5	4	3			3
				6	5	4	3		4
Bore Distance (tab) from edge of cup bore					Mounting plate height in MM				



## Conversion Chart

FRAC.	INCH	MM
1/16	0.625	1.588
1/8	.125	3.175
3/16	.1875	4.3763
1/4	.25	6.350
5/16	.3125	7.938
3/8	.375	9.525
7/16	.4375	11.113
1/2	.5	12.700
9/16	.5625	14.288
5/8	.625	15.875
11/16	.6875	17.463
3/4	.75	19.050
13/16	.8125	20.638
7/8	.875	22.225
15/16	.9375	23.813
1	1	25.400





# LIFT SYSTEM

## THE BASICS



Our CGS lift systems adjustment feature has been increased to eliminate the need for a small medium and large unit, one size fits all application. We used the medium sized unit and increased the adjustment.



**OPTIONAL**

Face Frame Mounting Plate sold seperately

**FORCE FACTOR  
IMPERIAL**

Cabinet height in mm X Door Weight in Kgs  
( include handle weight)

**FORCE FACTOR  
METRIC**

(Cabinet height in inches x 2.54)  
X  
(Door weight in Lbs X 2.205)  
( include handle weight)

1 PCS	400-1600
2 PCS	800-3200



# UNDERMOUNT RUNNERS & ALLEGRO

## THE BASICS

Metal Drawers ( Allegro )

Matte White and Anthracite

90mm and 175mm

Optional floating gallery rail placement, independent from the rear brackets

Multi platform runner allowing you to seamlessly transition between wooden and metal drawers

Full adjustability for both the drawer front and the drawer box

Internal drawer and “U” shape for plumbing avoidance

NL = 250mm - 550mm

16mm (5/8”) require for back and bottom of drawer



FRONT CLIPS AVAILABLE IN SCREW IN OR KNOCK IN

SCREW-ON



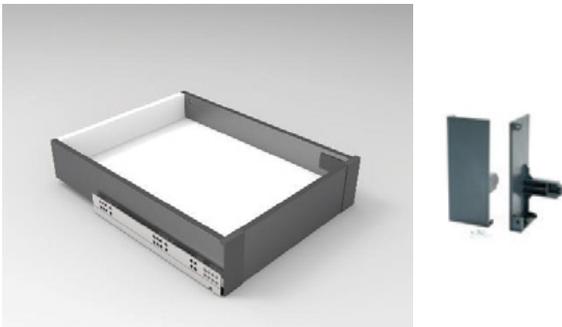
SPLIT-DOWEL



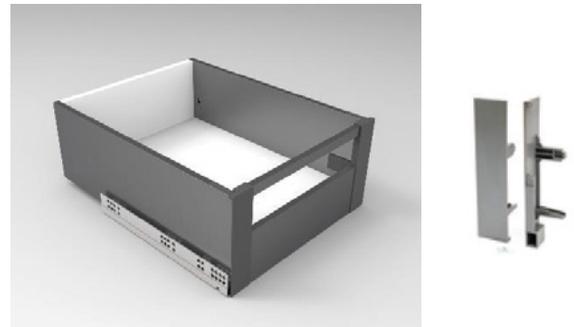
**90mm height** = requires 1 in either Split-Dowel or Screw-on  
**175mm height** = requires 1+2 in either Split-Dowel or Screw-on

INNER PULLOUT DRAWER FRONTS AVAILABLE IN MEDIUM AND DEEP DRAWER

90MM MEDIUM HEIGHT



175MM DEEP HEIGHT



U-CHANNEL FOR VANITY SINK DRAWER



GALLERY RAILS AVAILABLE

**Anthracite and White**

NL = 250mm - 550mm

**6-WAY ADJUSTABLE**



**280 -1067**

Front clips for depth, height and lateral adjustments

+ / - 2.5mm

**2-WAY ADJUSTABLE**



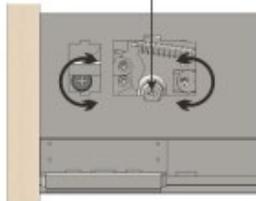
**280 -1068**

Front clips for height adjustments

+ / - 2.5mm

**FRONT ADJUSTMENT**

lock this screw after finish adjusting



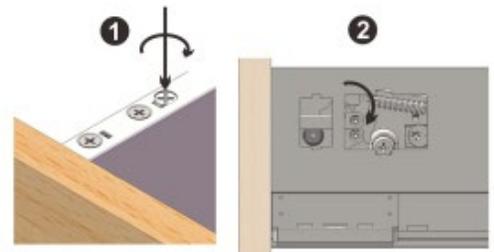
Left and Right:  $\pm 1$ mm Up and Down:  $\pm 2$ mm

**DRAWER REMOVAL**

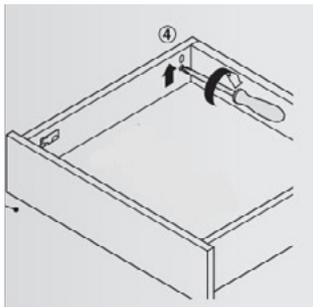


Release drawer from the slide, pull out the drawer

**FRONT REMOVAL**

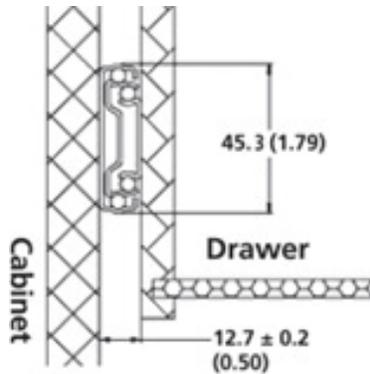


Press to rotate 30° (Only HAKB01H) Pop up panle



Rear tilt adjust located on the inside rear coners of the drawer

# BALL BEARING SLIDE



**CGS3 ( 100 LBS )** - production pack, cabinet profile and drawer profile packed separately

NL = 250mm - 600mm

**CGS1 ( 100 LBS )** = Cushion closing entry level bearing slide

NL = 250mm - 700mm

**CGS Platinum ( 100 LBS )** = Cushion closing bearing slide

NL = 250mm - 600mm

**CGS1 ( 120 LBS )** = Standard entry level bearing slide

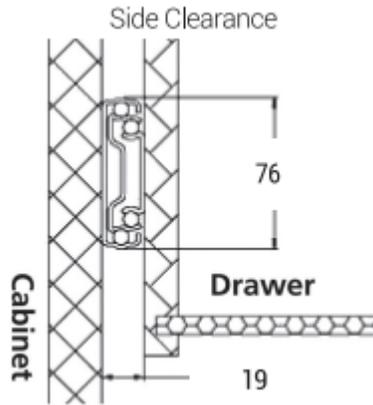
NL = 250mm - 700mm

**CGS 150 HD ( 150 LBS )** = Available in Cushion Close and Standard

NL = 350mm - 700 Cusion Close

NL = 300mm - 700mm Standard





**CGS 200 HD ( 200 LBS )** - available in Cushion close and standard

NL = 350mm - 600mm Cushion Close

NL = 250mm - 700mm Standard

**CGS 500 HD ( 500 LBS )** - standard bearing slide

NL = 300mm - 1200mm and 1500



# Complete Bearing Slide / Side Mount Slide NL - Program

Coulisse a billes	CGS 3 100 lbs	CGS 1 100 lbs	Platinum 100 lbs	CGS 1 120 lbs	CGS 150HD 150 lbs	CGS 150HD 150 lbs	CGS 200HD 200 lbs	CGS 200HD 200 lbs	CGS 500HD 500 lbs
Fermeture	Régulière	Silentieuse	Silentieuse	Régulière	Régulière	Silentieuse	Régulière	Silentieuse	Régulière
250mm (10")	280-35250	280-1010-SC		280-1010-32			280-200hd-250		
300mm (12")	280-35300	280-1011-SC	280-1012-PLTM	280-1011-32	280-150HD-300		280-200hd-300		280-500HD-12
350mm (14")	280-35350	280-1012-SC	280-1013-PLTM	280-1012-32	280-150HD-350	280-150HD-350sc	280-200hd-350	280-200HD-350sc	280-500HD-14
400mm (16")	280-35400	280-1013-SC	280-1014-PLTM	280-1013-32	280-150HD-400	280-150HD-400sc	280-200hd-400	280-200HD-400sc	280-500HD-16
450mm (18")	280-35450	280-1014-SC	280-1015-PLTM	280-1014-32	280-150HD-450	280-150HD-450sc	280-200hd-450	280-200HD-450sc	280-500HD-18
500mm (20")	280-35500	280-1015-SC	280-1016-PLTM	280-1015-32	280-150HD-500	280-150HD-500sc	280-200hd-500	280-200HD-500sc	280-500HD-20
550mm (22")	280-35550	280-1016-SC	280-1017-PLTM	280-1016-32	280-150HD-550	280-150HD-550sc	280-200hd-550	280-200HD-550sc	280-500HD-22
600mm (24")	280-35600	280-1017-SC	280-1018-PLTM	280-1017-32	280-150HD-600	280-150HD-600sc	280-200hd-600	280-200HD-600sc	280-500HD-24
650mm (26")		280-1018-SC		280-1018-32	280-150HD-650	280-150HD-650sc	280-200hd-650	280-200HD-650sc	280-500HD-26
700mm (28")		280-1019-SC		280-1019-32	280-150HD-700	280-150HD-700sc	280-200hd-700	280-200HD-700sc	280-500HD-28
750mm (30")									280-500HD-30
800mm (32")									280-500HD-32
850mm (34")									280-500HD-34
900mm (36")									280-500HD-36
950mm (38")									280-500HD-38
1000mm (40")									280-500HD-40
1050mm (42")									280-500HD-42
1100mm (44")									280-500HD-44
1150mm (46")									280-500HD-46
1200mm (48")									280-500HD-48
1500mm (60")									280-500HD-60







**LET'S BUILD  
SOMETHING TOGETHER**

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