2023 Catalogue

Hydraulic Hinges

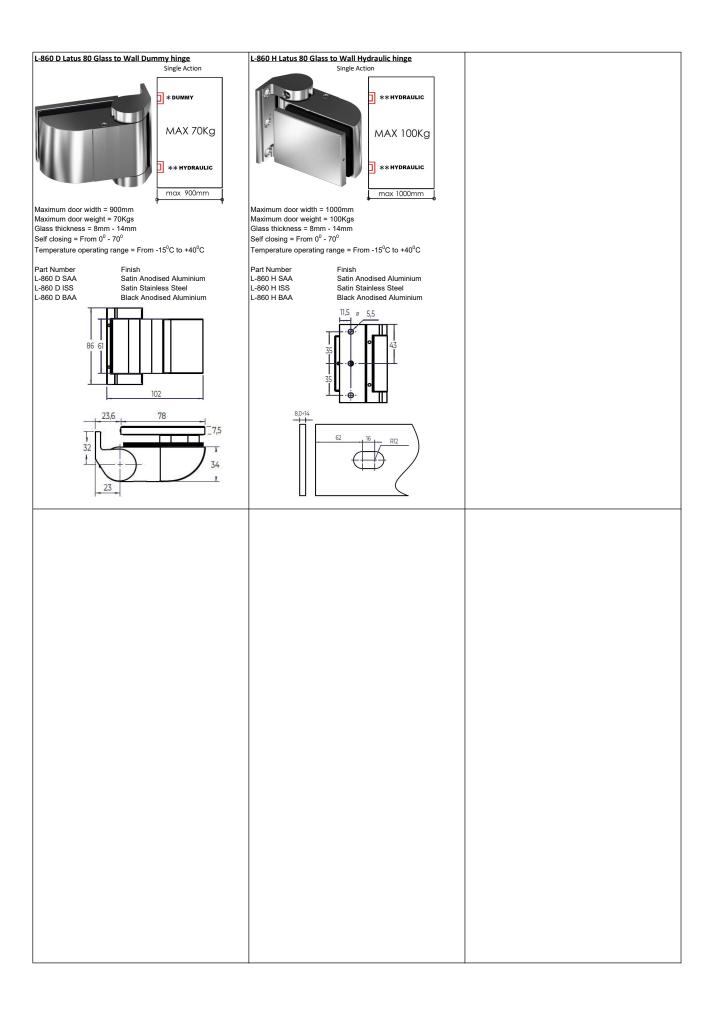## L-810 D Latus Glass to Wall Dummy hinge

Double Action

* DUMMY

** HYDRAULIC

MAX 70Kg

max 900mm

Maximum door width = 900mm
Maximum door weight = 70Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-810 D SAA	Satin Anodised Aluminium
L-810 D SSS	Satin Stainless Steel
L-810 D PSS	Polished Stainless Steel
L-810 D BAA	Black Anodised Aluminium

L-810 H Latus to Glass Wall Hydraulic hinge

Double Action

** HYDRAULIC

** HYDRAULIC

MAX 100Kg

max 1000mm

Maximum door width = 1000mm
Maximum door weight = 100Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-810 H SAA	Satin Anodised Aluminium
L-810 H SSS	Satin Stainless Steel
L-810 H PSS	Polished Stainless Steel
L-810 H BAA	Black Anodised Aluminium

L-811 D Latus Glass to Wall Dummy hinge

Off set back plate

Double Action

* DUMMY

** HYDRAULIC

MAX 70Kg

max 900mm

Maximum door width = 900mm
Maximum door weight = 70Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-811 D SAA	Satin Anodised Aluminium
L-811 D SSS	Satin Stainless Steel
L-811 D PSS	Polished Stainless Steel
L-811 D BAA	Black Anodised Aluminium

L-811 H Latus Glass to Wall Hydraulic hinge

Off set back plate

Double Action

** HYDRAULIC

** HYDRAULIC

MAX 100Kg

max 1000mm

Maximum door width = 1000mm
Maximum door weight = 100Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-811 H SAA	Satin Anodised Aluminium
L-811 H SSS	Satin Stainless Steel
L-811 H PSS	Polished Stainless Steel
L-811 H BAA	Black Anodised Aluminium

L-815 D Latus Glass to Glass Dummy hinge

Double Action

* DUMMY

** HYDRAULIC

MAX 70Kg

max 900mm

Maximum door width = 900mm
Maximum door weight = 70Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-811 D SAA	Satin Anodised Aluminium
L-811 D SSS	Satin Stainless Steel
L-811 D PSS	Polished Stainless Steel
L-811 D BAA	Black Anodised Aluminium

L-815 H Latus Glass to Glass Hydraulic hinge

Double Action

** HYDRAULIC

** HYDRAULIC

MAX 100Kg

max 1000mm

Maximum door width = 1000mm
Maximum door weight = 100Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-811 H SAA	Satin Anodised Aluminium
L-811 H SSS	Satin Stainless Steel
L-811 H PSS	Polished Stainless Steel
L-811 H BAA	Black Anodised Aluminium

L-860 D Latus 80 Glass to Wall Dummy hinge

Single Action

✳ DUMMY

MAX 70Kg

✳✳ HYDRAULIC

max 900mm

Maximum door width = 900mm
Maximum door weight = 70Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-860 D SAA	Satin Anodised Aluminium
L-860 D ISS	Satin Stainless Steel
L-860 D BAA	Black Anodised Aluminium

L-860 H Latus 80 Glass to Wall Hydraulic hinge

Single Action

✳✳ HYDRAULIC

MAX 100Kg

✳✳ HYDRAULIC

max 1000mm

Maximum door width = 1000mm
Maximum door weight = 100Kgs
Glass thickness = 8mm - 14mm
Self closing = From 0^0 - 70^0
Temperature operating range = From -15^0C to $+40^0$C

Part Number	Finish
L-860 H SAA	Satin Anodised Aluminium
L-860 H ISS	Satin Stainless Steel
L-860 H BAA	Black Anodised Aluminium

Floor Springs & Hydraulic Patches

Frenum hydraulic bottom patch fitting
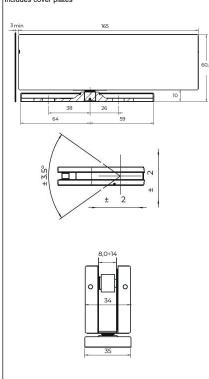
Floor Spring replacement fitting = EN-2
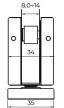Maximum door weight = 100Kgs
Glass thickness = 8mm - 14mm

Part Number	Finish	Maximum door width Internal
051F HO SAA	Satin Anodised	1000mm
051F HO SSS	Satin Stainless Steel	1000mm
051F HO SSS	Pol Stainless Steel	1000mm
051F HO PB	Pol Brass	1000mm
051F NHO SAA	Satin Anodised	1000mm
051F NHO SSS	Satin Stainless Steel	1000mm
051F NHO SSS	Pol Stainless Steel	1000mm
051F NHO PB	Pol Brass	1000mm

Includes cover plates

Frenum hydraulic bottom patch fitting kits
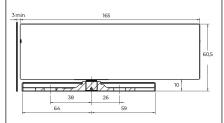
Floor Spring replacement fitting = EN-2
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
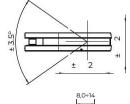
Part Number	Finish	Maximum door width Internal
051F Kit HO SAA	Satin Anodised	1000mm
051F Kit HO SSS	Satin Stainless Steel	1000mm
051F Kit HO SSS	Pol Stainless Steel	1000mm
051F Kit HO PB	Pol Brass	1000mm
051F Kit NHO SAA	Satin Anodised	1000mm
051F Kit NHO SSS	Satin Stainless Steel	1000mm
051F Kit NHO SSS	Pol Stainless Steel	1000mm
051F Kit NHO PB	Pol Brass	1000mm
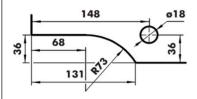
Comprising:-
051F Frenum Hydraulic bottom patch fitting
052 Top patch fitting with adaptor
058P Top centre pivot
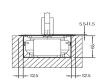
Includes cover plates

Speedy M25 Floor Spring
with Italian spindle
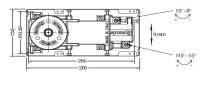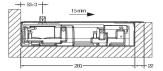
Maximum door weight = 120/200Kgs

Floor Spring

Part Number	Strength	Maximum door width External	Internal
025 Hold open	EN 4	1100mm	1400mm
026 No Hold open	EN 4	1100mm	1400mm

Not including cover plate

Cover Plate

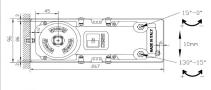| Part Number	Finish
0314	Satin Stainless Steel
0315	Polished Stainless Steel
0317	Polished Brass

Speedy M60 Floor Spring
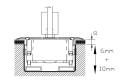with Italian spindle
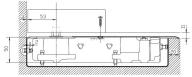
Maximum door weight = 160Kgs

Floor Spring

Part Number	Strength	Maximum door width External	Internal
021 Hold open	EN 2	750mm	850mm
022 No Hold open	EN 2	750mm	850mm
023 Hold open	EN 3	1000mm	1100mm
024 No Hold open	EN 3	1000mm	1100mm
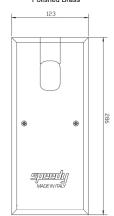
Not including cover plate

Cover Plate

Part Number	Finish
0304	Satin Stainless Steel
0305	Polished Stainless Steel
0307	Polished Brass

Speedy KS3000 Floor Spring
with Italian spindle
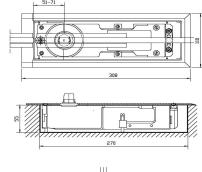
Maximum door weight = 120Kgs

Floor Spring

Part Number	Strength	Maximum door width External	Internal
027 Hold open	EN 2	750mm	850m
028 No Hold open	EN 2	750mm	850mm
029 Hold open	EN 3	1000mm	1100mm
030 No Hold open	EN 3	1000mm	1100mm

Not including cover plate

Cover Plate
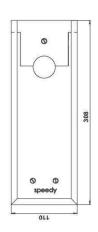
Part Number	Finish
0326	Satin Stainless Steel
0327	Polished Stainless Steel
0328	Polished Brass
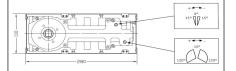
Speedy M68 Floor Spring
with Italian spindle

Maximum door weight = 100Kgs

Floor Spring
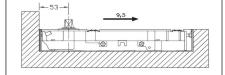
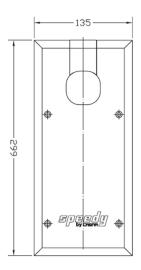| Part Number	Strength	Maximum door width External	Internal
019 Hold open	EN 3	850mm	950mm
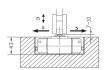
Includes cover plate

Floor spring cover plate SSS included
with this part number
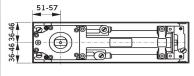
Dorma BTS75V Floor Spring
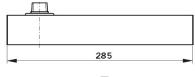with German spindle

Maximum door weight = 120Kgs

Floor Spring

Part Number	Strength	Maximum door width
D-BTS75V Hold open	EN 1-4	1100mm
D-BTS75V N/hold open	EN 1-4	1100mm

Not including cover plate
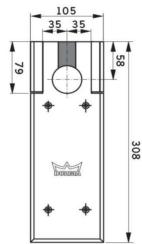
Cover Plate

Part Number	Finish
D-BTS75V SSS	Satin Stainless Steel
D-BTS75V PSS	Polished Stainless Steel

All Dorma fittings available on application
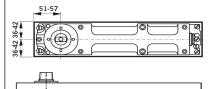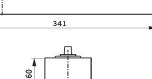

Dorma BTS80 Floor Spring
with German spindle

Maximum door weight = 300Kgs

Floor Spring

Part Number	Strength	Maximum door width
D-BTS80	EN 3	950mm
D-BTS80	EN 4	1100mm
D-BTS80	EN6	1400mm

Not including cover plate
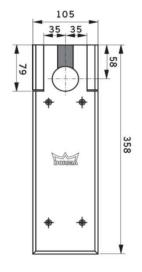
Cover Plate

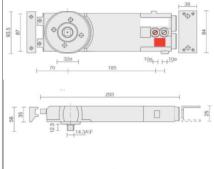| Part Number	Finish
D-BTS80 SSS	Satin Stainless Steel
D-BTS80 PSS	Polished Stainless Steel

All Dorma fittings available on application
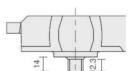

Axim Overhead Concealed Closer (O.H.C.C.)

Maximum door weight = 100Kgs

Overhead Concealed Closer
Standard 70mm pivot point

Part Number		Strength	Maximum door width
3102	NHO	EN 2	750mm
3103	HO	EN 2	750mm
3112	NHO	EN 3	950mm
3113	HO	EN 3	950mm
3122	NHO	EN 4	1150mm
3123	HO	EN4	1150mm
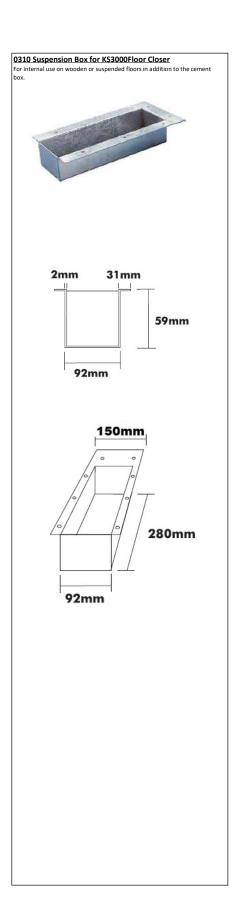
65mm Pivot point fixing bracket for glass doors

Part Number
3114

Other Axim fittings available on application

0310 Suspension Box for KS3000Floor Closer

For internal use on wooden or suspended floors in addition to the cement box.

2mm 31mm

59mm

92mm

150mm

280mm

92mm

Door & Side Rails

041 Bottom Door Rail Non-Locking	**041D Bottom Door Rail Non-Locking**	**042 Bottom Door Rail Locking**
To suit an Italian spindle	To suit a German spindle	To suit an Italian spindle

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

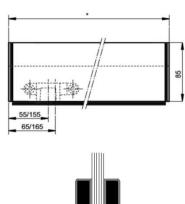| Part Number	Finish
0412	Satin Anodised Aluminium covers
0414	Satin Stainless Steel covers
0415	Polished Stainless Steel covers
0417	Polished Brass covers

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
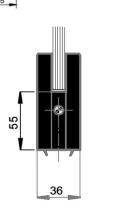Maximum door weight = 100Kgs Type B & C

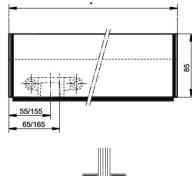Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

Part Number	Finish
0412D	Satin Anodised Aluminium covers
0414D	Satin Stainless Steel covers
0415D	Polished Stainless Steel covers
0417D	Polished Brass covers

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
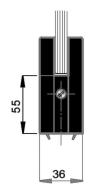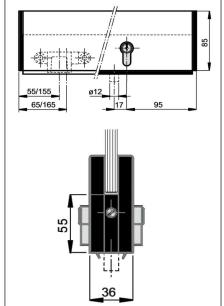Glass Holding Power = > 300kg

Part Number	Finish
0422	Satin Anodised Aluminium covers
0424	Satin Stainless Steel covers
0425	Polished Stainless Steel covers
0427	Polished Brass covers

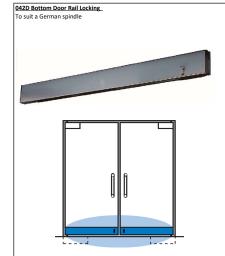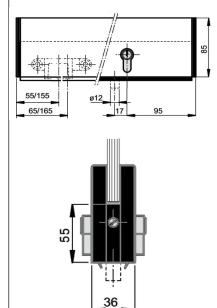## 042D Bottom Door Rail Locking
To suit a German spindle

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

Part Number	Finish
0422D	Satin Anodised Aluminium covers
0424D	Satin Stainless Steel covers
0425D	Polished Stainless Steel covers
0427D	Polished Brass covers

043 Top Door Rail Non-Locking
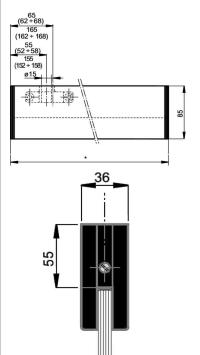To suit an 058 Top Pivot

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

Part Number	Finish
0432	Satin Anodised Aluminium covers
0434	Satin Stainless Steel covers
0435	Polished Stainless Steel covers
0437	Polished Brass covers

043 OHCC Top Door Rail Non-Locking
To suit an Overhead Concealed Closer
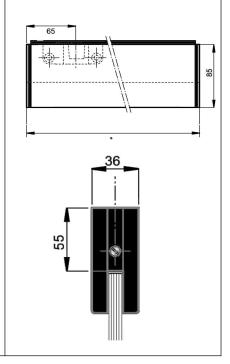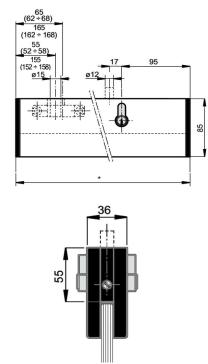65mm from centre of pivot to the edge of rail

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

Part Number	Finish
0432 OHCC	Satin Anodised Aluminium covers
0434 OHCC	Satin Stainless Steel covers
0435 OHCC	Polished Stainless Steel covers
0437 OHCC	Polished Brass covers

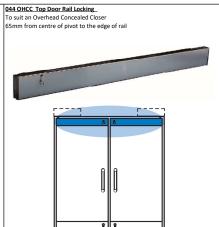## 044 Top Door Rail Locking
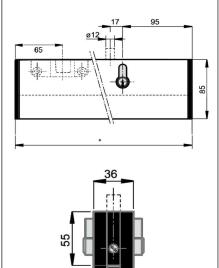To suit an 058 Top Pivot

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
Glass Holding Power = > 300kg

Part Number	Finish
0442	Satin Anodised Aluminium covers
0444	Satin Stainless Steel covers
0445	Polished Stainless Steel covers
0447	Polished Brass covers

044 OHCC Top Door Rail Locking
To suit an Overhead Concealed Closer
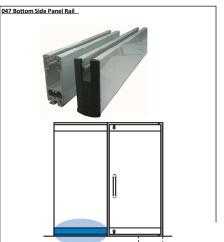65mm from centre of pivot to the edge of rail

Maximum door width = 1300mm Type A
Maximum door width = 1100mm Type B & C
Minimum door width = 325mm Type A, B & C
Maximum door weight = 120Kgs Type A
Maximum door weight = 100Kgs Type B & C

Glass thickness = 10mm - 12mm
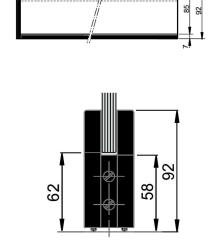Glass Holding Power = > 300kg

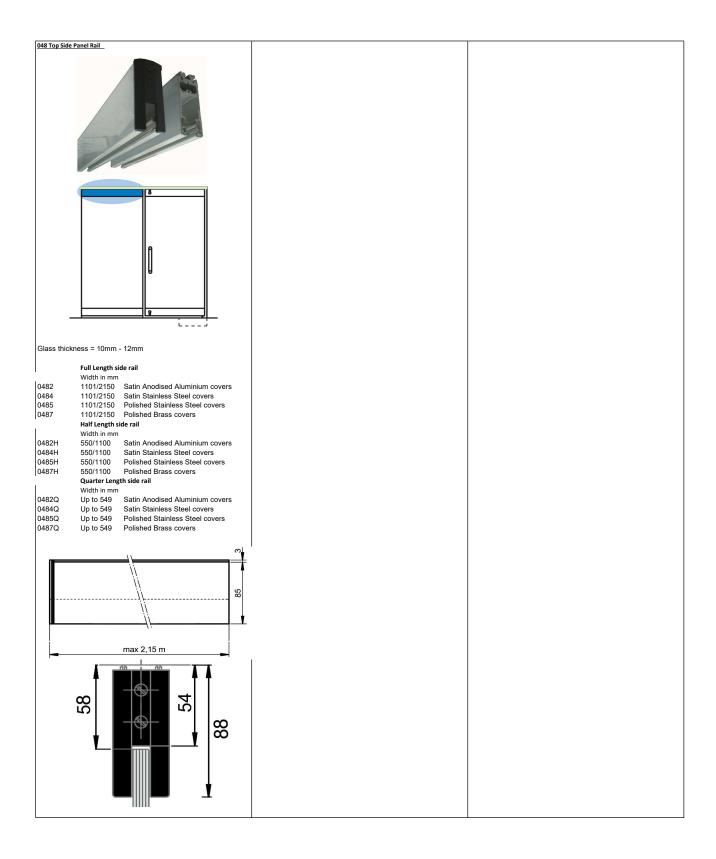| Part Number	Finish
0442 OHCC	Satin Anodised Aluminium covers
0444 OHCC	Satin Stainless Steel covers
0445 OHCC	Polished Stainless Steel covers
0447 OHCC	Polished Brass covers

047 Bottom Side Panel Rail

Glass thickness = 10mm - 12mm

Full Length side rail
Width in mm

0472	1101/2150	Satin Anodised Aluminium covers
0474	1101/2150	Satin Stainless Steel covers
0475	1101/2150	Polished Stainless Steel covers
0477	1101/2150	Polished Brass covers

Half Length side rail
Width in mm

0472H	550/1100	Satin Anodised Aluminium covers
0474H	550/1100	Satin Stainless Steel covers
0475H	550/1100	Polished Stainless Steel covers
0477H	550/1100	Polished Brass covers

Quarter Length side rail
Width in mm

0472Q	Up to 549	Satin Anodised Aluminium covers
0474Q	Up to 549	Satin Stainless Steel covers
0475Q	Up to 549	Polished Stainless Steel covers
0477Q	Up to 549	Polished Brass covers

048 Top Side Panel Rail

Glass thickness = 10mm - 12mm

Full Length side rail
Width in mm

0482	1101/2150	Satin Anodised Aluminium covers
0484	1101/2150	Satin Stainless Steel covers
0485	1101/2150	Polished Stainless Steel covers
0487	1101/2150	Polished Brass covers

Half Length side rail
Width in mm

0482H	550/1100	Satin Anodised Aluminium covers
0484H	550/1100	Satin Stainless Steel covers
0485H	550/1100	Polished Stainless Steel covers
0487H	550/1100	Polished Brass covers

Quarter Length side rail
Width in mm

0482Q	Up to 549	Satin Anodised Aluminium covers
0484Q	Up to 549	Satin Stainless Steel covers
0485Q	Up to 549	Polished Stainless Steel covers
0487Q	Up to 549	Polished Brass covers

max 2,15 m

Universal Patch Fittings

051 Bottom Patch with Adaptor	**051D Bottom Patch with Adaptor**	**052 Top Patch with Adaptor**
To suit an Italian spindle	To suit a German spindle	
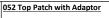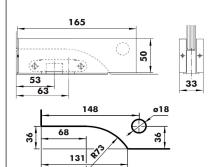
051 Bottom Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
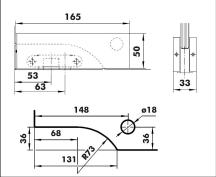Glass Holding Power = > 300kg

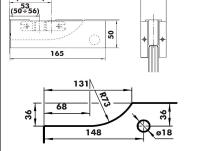| Part Number	Finish
051	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

051D Bottom Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300kg

Part Number	Finish
051D	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

052 Top Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300kg

Part Number	Finish
052	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

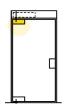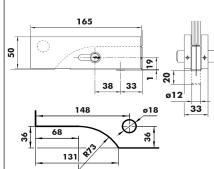| **053 Corner Patch with Lock**	**054-65 Top Patch with Adaptor for O.H.C.C.**	**054-67 Top Patch with Adaptor for O.H.C.C.**
	To be used with bottom door rail. 65mm (68mm) pivot point	To be used with 055-67 bottom patch. 67mm (70mm) pivot point

053 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
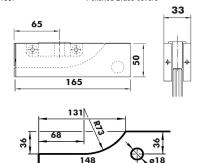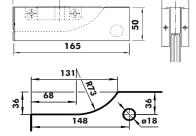Glass Holding Power = > 300kg

Part Number	Finish
053	Body only
1512	Satin Anodised Aluminium covers
1514	Satin Stainless Steel covers
1515	Polished Stainless Steel covers
1517	Polished Brass covers

054-65 Top Patch with Adaptor for O.H.C.C.

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300kg

Part Number	Finish
054-65	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

054-67 Top Patch with Adaptor for O.H.C.C.

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300kg

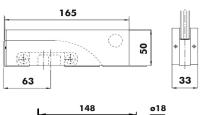| Part Number	Finish
054-67	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

055-63 Bottom Freeswing Patch with Adaptor
To be used with 052 Top patch and 058B Bottom freeswing pivot

Maximum door width = 1100mm
Maximum door weight = 100Kgs
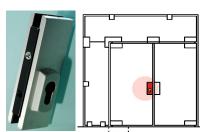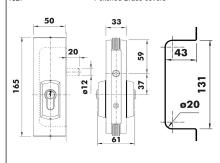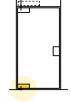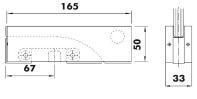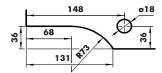Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300kg

Part Number	Finish
05563	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

055-67 Bottom Freeswing Patch with Adaptor
To be used with 054-67 Top patch and 058B Bottom freeeswing pivot

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
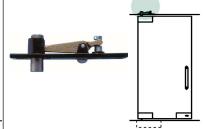Glass Holding Power = > 300kg

Part Number	Finish
055-67	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

056 Centre Lock
To be used with 064, 065 or 066 Lock shoot keeps

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150kg

Part Number	Finish
056	Body only without cylinder
1522	Satin Anodised Aluminium covers
1524	Satin Stainless Steel covers
1525	Polished Stainless Steel covers
1527	Polished Brass covers

057 Centre Lock
To be used with 064, 065 or 066 Lock shoot keeps

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 90kg

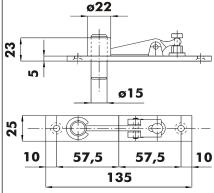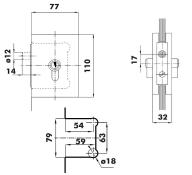| Part Number	Finish
056	Body only without cylinder
1522	Satin Anodised Aluminium covers
1524	Satin Stainless Steel covers
1525	Polished Stainless Steel covers
1527	Polished Brass covers

058A Adjustable Top Centre
To be used with 043 & 044 Top rails or 052 Top patch

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = N/A
Glass Holding Power = N/A

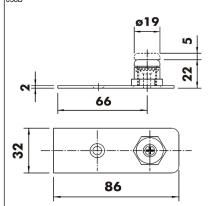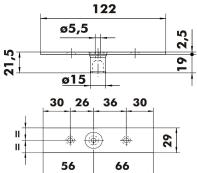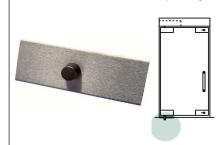| Part Number	Finish
058A	Body only

05B8B Freeswing Bottom Pivot
To be used with 055-63 or 055-67 Bottom patch fitting only.

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = N/A
Glass Holding Power = N/A

Part Number
058B

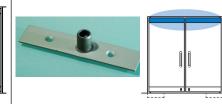## 058P Top Centre Pivot for Patch fittings
To be used with 052 Top patch fitting

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
058P SAA	Body with SAA cover
058P SSS	Body with SSS cover
058PB	Body with Pol Brass cover

058R Top Centre Pivot for Dorr rails
To be used with 043 or 044 Top door rails

Maximum door width = 1100mm
Maximum door weight = 100Kgs
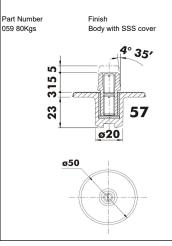Glass thickness = N/A
Glass Holding Power = N/A

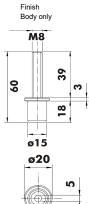| Part Number	Finish
058R SAA	Body SAA finish
058P SSS	Body SSS finish
058PB	Body Pol Brass finish

058S Top Centre Pivot (Screw in)
To be used with 043, 044 DoorrRails or 052 Top patch fittings

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = N/A
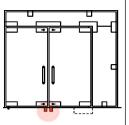Glass Holding Power = N/A

Part Number	Finish
058S	Body only

059 100Kgs Bottom Freeswing Pivot
To be used with 041 & 042 Door Rails or 051 Bottom patch fittings

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
059 100Kgs	Body with SSS cover

059 80Kgs Bottom Freeswing Pivot
To be used with 041 & 042 Door Rails or 051 Bottom patch fittings

Maximum door width = 1100mm
Maximum door weight = 80Kgs
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
059 80Kgs	Body with SSS cover

061 Bottom Lock Shoot Keep with dust protection
To be used with 042 Door Rails or 051 Bottom patch fittings
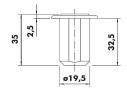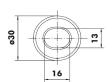

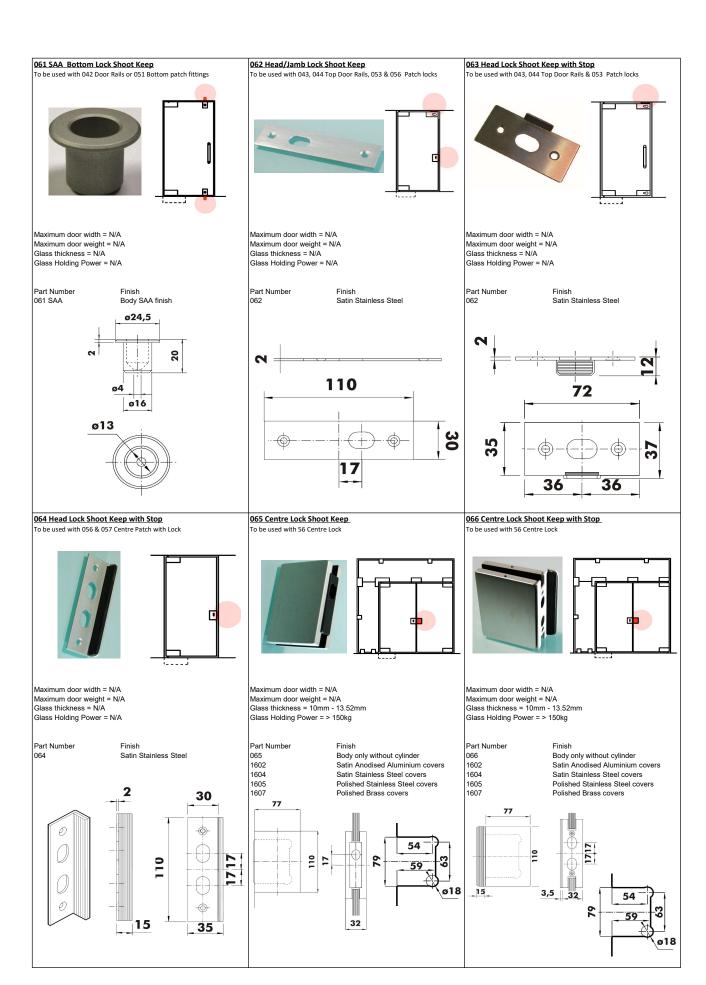Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
061	Body with Pol cover

061 SAA Bottom Lock Shoot Keep
To be used with 042 Door Rails or 051 Bottom patch fittings

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
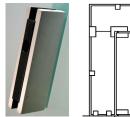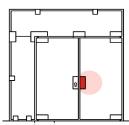Glass Holding Power = N/A

Part Number	Finish
061 SAA	Body SAA finish

062 Head/Jamb Lock Shoot Keep
To be used with 043, 044 Top Door Rails, 053 & 056 Patch locks

Maximum door width = N/A
Maximum door weight = N/A
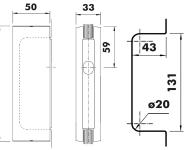Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
062	Satin Stainless Steel

063 Head Lock Shoot Keep with Stop
To be used with 043, 044 Top Door Rails & 053 Patch locks

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
062	Satin Stainless Steel

064 Head Lock Shoot Keep with Stop
To be used with 056 & 057 Centre Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
064	Satin Stainless Steel

065 Centre Lock Shoot Keep
To be used with 56 Centre Lock
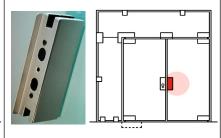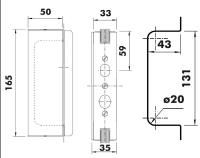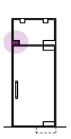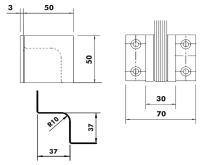
Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150kg

Part Number	Finish
065	Body only without cylinder
1602	Satin Anodised Aluminium covers
1604	Satin Stainless Steel covers
1605	Polished Stainless Steel covers
1607	Polished Brass covers

066 Centre Lock Shoot Keep with Stop
To be used with 56 Centre Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150kg

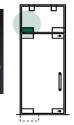| Part Number	Finish
066	Body only without cylinder
1602	Satin Anodised Aluminium covers
1604	Satin Stainless Steel covers
1605	Polished Stainless Steel covers
1607	Polished Brass covers

067 Vertical Centre Lock Shot keep
To be used with 057 Centre Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 90kg

Part Number	Finish
067	Body only without cylinder
1612	Satin Anodised Aluminium covers
1614	Satin Stainless Steel covers
1615	Polished Stainless Steel covers
1617	Polished Brass covers

068 Vertical Centre Lock Shot keep with Stop
To be used with 057 Centre Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 90kg

Part Number	Finish
068	Body only without cylinder
1612	Satin Anodised Aluminium covers
1614	Satin Stainless Steel covers
1615	Polished Stainless Steel covers
1617	Polished Brass covers

071 Transom/Jamb Patch

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 60kg

Part Number	Finish
071	Body only without fixing plate
1702	Satin Anodised Aluminium covers
1704	Satin Stainless Steel covers
1702	Polished Stainless Steel covers
1717	Polished Brass covers

071S Transom/Jamb Patch with Stop

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 60kg

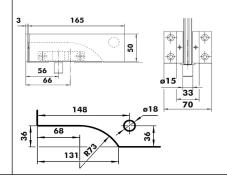| Part Number	Finish
071S	Body only without fixing plate
1702	Satin Anodised Aluminium covers
1704	Satin Stainless Steel covers
1705	Polished Stainless Steel covers
1717	Polished Brass covers

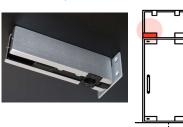## 072 Transom/Jamb Patch with Pivot
To be used with 052 Top Patch

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

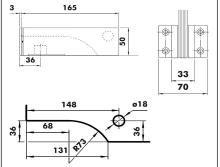| Part Number	Finish
072	Body only without fixing plate
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

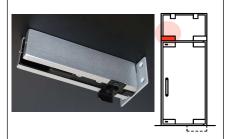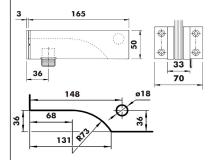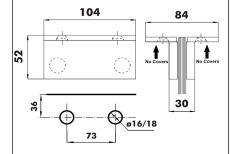## 073 Transom/Jamb Patch with Lock shoot Keep
To be used with 053 Top Patch Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

Part Number	Finish
073	Body only without fixing plate
1712	Satin Anodised Aluminium covers
1714	Satin Stainless Steel covers
1715	Polished Stainless Steel covers
1717	Polished Brass covers

074/075 Transom/Jamb Patch with Lock Shoot Keep & Stop
To be used with 053 Top Patch Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg
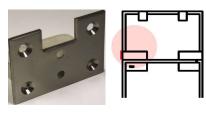
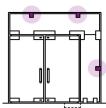| Part Number	Finish
074/075	Body only without fixing plate
1712	Satin Anodised Aluminium covers
1714	Satin Stainless Steel covers
1715	Polished Stainless Steel covers
1717	Polished Brass covers

Wall Fixing Plate
To be used with 071, 071S, 072, 073 or 074/075

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	
1702B	Satin Anodised Aluminium covers
1704B	Satin Stainless Steel covers
1705B	Polished Stainless Steel covers
1707B	Polished Brass covers

076 Head Fixing Angle

Covers not available for this part of the fitting

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

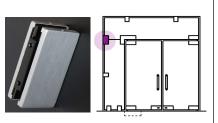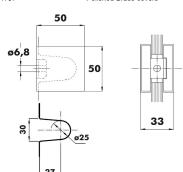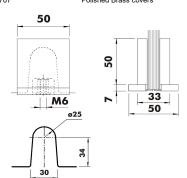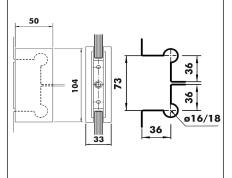| Part Number	Finish
076	Body only
1722	Satin Anodised Aluminium covers
1724	Satin Stainless Steel covers
1725	Polished Stainless Steel covers
1727	Polished Brass covers

No Covers

077 Head/Jamb Fixing Clamp
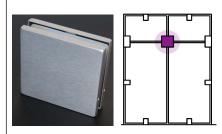
Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 250 kg

Part Number	Finish
077	Body only
1702	Satin Anodised Aluminium covers
1704	Satin Stainless Steel covers
1705	Polished Stainless Steel covers
1707	Polished Brass covers

078 Bottom Fixing Clamp

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 250 kg

Part Number	Finish
078	Body only
1702	Satin Anodised Aluminium covers
1704	Satin Stainless Steel covers
1705	Polished Stainless Steel covers
1707	Polished Brass covers

079 Jamb Fixing Clamp

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 200 kg

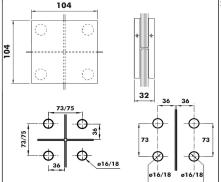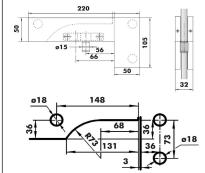| Part Number	Finish
079	Body only
1832	Satin Anodised Aluminium covers
1834	Satin Stainless Steel covers
1835	Polished Stainless Steel covers
1837	Polished Brass covers

080 Two or Four Panel Connector

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

Part Number		Finish
080		Body only
080-2	Body and	Satin Anodised Aluminium covers
080-4	Body and	Satin Stainless Steel covers
080-5	Body and	Polished Stainless Steel covers

081 Transom Side Panel Patch

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
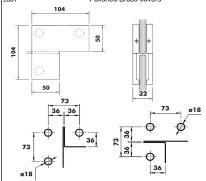Glass Holding Power = > 200 kg

Part Number	Finish
081	Body only
1802	Satin Anodised Aluminium covers
1804	Satin Stainless Steel covers
1805	Polished Stainless Steel covers
1807	Polished Brass covers

082 Transom Side Panel Patch with Stop

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
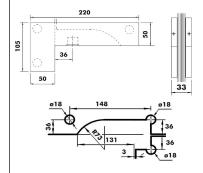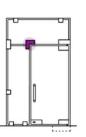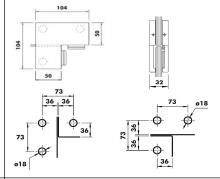Glass Holding Power = > 200 kg

Part Number	Finish
082	Body only
1802	Satin Anodised Aluminium covers
1804	Satin Stainless Steel covers
1805	Polished Stainless Steel covers
1807	Polished Brass covers

083 Transom Side Panel Patch with Pivot
To be used with 052 Top Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100Kgs
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

Part Number	Finish
083	Body only
1812	Satin Anodised Aluminium covers
1814	Satin Stainless Steel covers
1815	Polished Stainless Steel covers
1817	Polished Brass covers

084 Transom Side Panel Patch with Lock Shoot Keep
To be used with 053 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

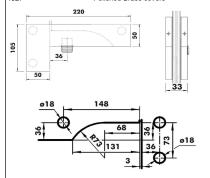| Part Number	Finish
084	Body only
1822	Satin Anodised Aluminium covers
1824	Satin Stainless Steel covers
1825	Polished Stainless Steel covers
1827	Polished Brass covers

085/086 Transom Side Panel Patch with Lock Shoot Keep & Stop
To be used with 053 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

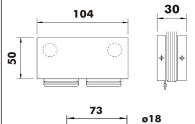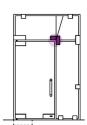| Part Number	Finish
085/086	Body only
1822	Satin Anodised Aluminium covers
1824	Satin Stainless Steel covers
1825	Polished Stainless Steel covers
1827	Polished Brass covers

087 Transom Double Door Stop

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

Part Number	Finish
087	Body only
1832	Satin Anodised Aluminium covers
1834	Satin Stainless Steel covers
1835	Polished Stainless Steel covers
1837	Polished Brass covers

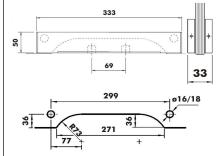## 088 Transom Double Door Lock Shoot Keep

To be used with 053 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 350 kg

Part Number	Finish
088	Body only
1842	Satin Anodised Aluminium covers
1844	Satin Stainless Steel covers
1845	Polished Stainless Steel covers
1847	Polished Brass covers

089 Transom Double Door Lock Shoot Keep with Stop

To be used with 053 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 350 kg

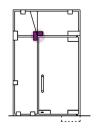| Part Number	Finish
089	Body only
1842	Satin Anodised Aluminium covers
1844	Satin Stainless Steel covers
1845	Polished Stainless Steel covers
1847	Polished Brass covers

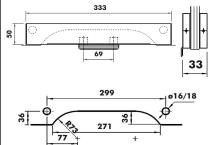## 091 Transom Side Panel Patch with Fin

RH viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 200 kg

Part Number	Finish
091	Body only
1892	Satin Anodised Aluminium covers
1894	Satin Stainless Steel covers
1895	Polished Stainless Steel covers
1897	Polished Brass covers

Fin Cut out

092 Transom Side Panel Patch with Fin

LH viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 200 kg

Part Number	Finish
092	Body only
1902	Satin Anodised Aluminium covers
1904	Satin Stainless Steel covers
1905	Polished Stainless Steel covers
1907	Polished Brass covers

Fin Cut out

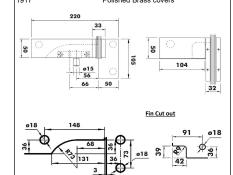## 093 Transom Side Panel Patch with Pivot & Fin

RH viewed from outside
To be used with 052 Top Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100kg
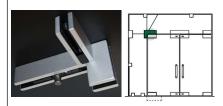Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

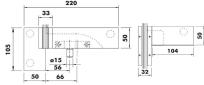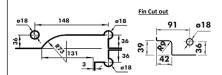| Part Number	Finish
093	Body only
1912	Satin Anodised Aluminium covers
1914	Satin Stainless Steel covers
1915	Polished Stainless Steel covers
1917	Polished Brass covers

Fin Cut out

094 Transom Side Panel Patch with Pivot & Fin

LH viewed from outside
To be used with 052 Top Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 100kg
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

Part Number	Finish
094	Body only
1952	Satin Anodised Aluminium covers
1954	Satin Stainless Steel covers
1955	Polished Stainless Steel covers
1957	Polished Brass covers

Fin Cut out

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095 Transom Side Panel Patch with Lock Shoot

Keep & Fin   RH viewd from outside
To be used with 053 Corner Patch with Lock

Maximum door width = 1100mm
Maximum door weight = 100kg
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

Part Number	Finish
094	Body only
1952	Satin Anodised Aluminium covers
1954	Satin Stainless Steel covers
1955	Polished Stainless Steel covers
1957	Polished Brass covers

Fin Cut out

---

096 Transom Side Panel Patch with Lock Shoot

Keep & Fin   LH viewd from outside
To be used with 053 Corner Patch with Lock

Maximum door width = 1100mm
Maximum door weight = 100kg
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

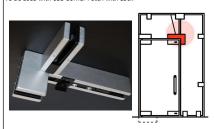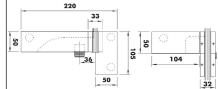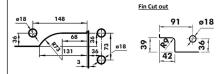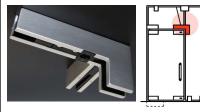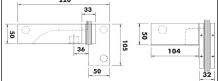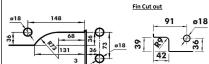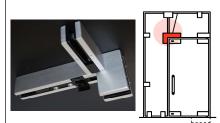| Part Number	Finish
094	Body only
1952	Satin Anodised Aluminium covers
1954	Satin Stainless Steel covers
1955	Polished Stainless Steel covers
1957	Polished Brass covers

Fin Cut out

---

097 Transom Side Panel Patch with Lock Shoot

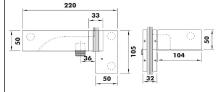**Keep, Fin & Stop**   RH viewd from outside
To be used with 053 Corner Patch with Lock

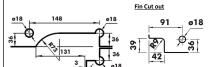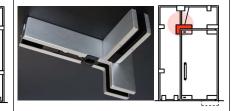

Maximum door width = 1100mm
Maximum door weight = 100kg
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 150 kg

Part Number	Finish
094	Body only
1952	Satin Anodised Aluminium covers
1954	Satin Stainless Steel covers
1955	Polished Stainless Steel covers
1957	Polished Brass covers

Fin Cut out

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098 Transom Side Panel Patch with Lock Shoot

Keep, Fin & Stop   LH viewd from outside
To be used with 053 Corner Patch with Lock
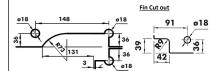

Maximum door width = 1100mm
Maximum door weight = 100kg
Glass thickness = 10mm - 13.52mm
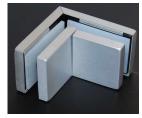Glass Holding Power = > 150 kg

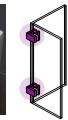| Part Number	Finish
094	Body only
1952	Satin Anodised Aluminium covers
1954	Satin Stainless Steel covers
1955	Polished Stainless Steel covers
1957	Polished Brass covers

Fin Cut out

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104 Two Panel 90° Connector

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 200 kg

Part Number		Finish
104		Body only
104-2	Body and	Satin Anodised Aluminium covers
104-4	Body and	Satin Stainless Steel covers
104-5	Body and	Polished Stainless Steel covers

105 Two or Four Panel Connector with Fin

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

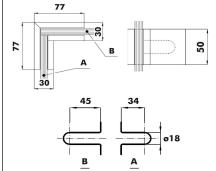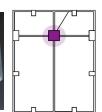| Part Number		Finish
105		Body only
105-2	Body and	Satin Anodised Aluminium covers
105-4	Body and	Satin Stainless Steel covers
105-5	Body and	Polished Stainless Steel covers

Fin cut out

106 Four Panel 90° Connector

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 200 kg

Part Number		Finish
106		Body only
106-2	Body and	Satin Anodised Aluminium covers
106-4	Body and	Satin Stainless Steel covers
106-5	Body and	Polished Stainless Steel covers

107 Two or Four Panel Connector with Clamp

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 13.52mm
Glass Holding Power = > 300 kg

Part Number		Finish
105		Body only
105-2	Body and	Satin Anodised Aluminium covers
105-4	Body and	Satin Stainless Steel covers
105-5	Body and	Polished Stainless Steel covers

Fin cut out

41020 Bottom Patch with Adaptor

To suit an Italian spindle

Maximum door width = 1100mm
Maximum door weight = 125Kgs
Glass thickness = 15mm - 19mm
Glass Holding Power = > 200kg

Part Number	Finish
41020	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

41020 Bottom Patch with Adaptor

To suit a German spindle

Maximum door width = 1100mm
Maximum door weight = 125Kgs
Glass thickness = 15mm - 19mm
Glass Holding Power = > 200kg

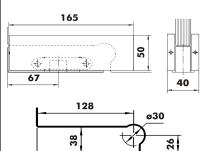| Part Number	Finish
41020	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

42020 Top Patch with Adaptor

Maximum door width = 1100mm
Maximum door weight = 125Kgs
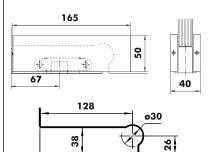Glass thickness = 15mm - 19mm
Glass Holding Power = > 200kg

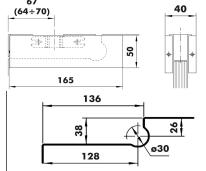| Part Number	Finish
42020	Body only
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

43020 Transom/Jamb Patch with Pivot
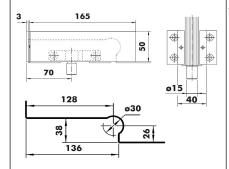To be used with 42020 Top Patch

Maximum door width = 1100mm
Maximum door weight = 125Kgs
Glass thickness = 15mm - 19mm
Glass Holding Power = > 200kg

Part Number	Finish
43020	Body only without fixing plate
1502	Satin Anodised Aluminium covers
1504	Satin Stainless Steel covers
1505	Polished Stainless Steel covers
1507	Polished Brass covers

Wall Fixing Plate
To be used with 43020

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	
1702B	Satin Anodised Aluminium covers
1704B	Satin Stainless Steel covers
1705B	Polished Stainless Steel covers
1707B	Polished Brass covers

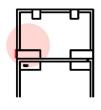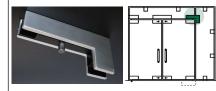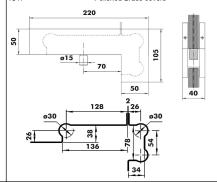### 44020 Transom/Side Panel Patch with Pivot
To be used with 42020 Top Patch

Maximum door width = 1100mm
Maximum door weight = 125Kgs
Glass thickness = 15mm - 19mm
Glass Holding Power = > 150kg

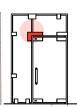| Part Number	Finish
44020	Body only
1812	Satin Anodised Aluminium covers
1814	Satin Stainless Steel covers
1815	Polished Stainless Steel covers
1817	Polished Brass covers

44720 Transom Side Panel Patch with Lock Shoot Keep
To be used with 48720 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 15mm - 19mm
Glass Holding Power = > 150 kg

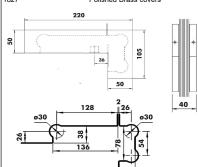| Part Number	Finish
44720	Body only
1822	Satin Anodised Aluminium covers
1824	Satin Stainless Steel covers
1825	Polished Stainless Steel covers
1827	Polished Brass covers

48720 Corner Patch with Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 15mm - 19mm
Glass Holding Power = > 300kg

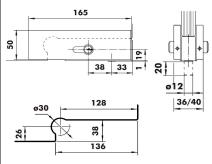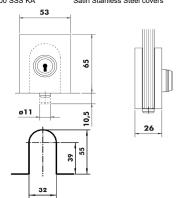| Part Number	Finish
48720	Body only
1512	Satin Anodised Aluminium covers
1514	Satin Stainless Steel covers
1515	Polished Stainless Steel covers
1517	Polished Brass covers

14600 Bottom Lock

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 8mm - 12mm
Glass Holding Power = > 90kg
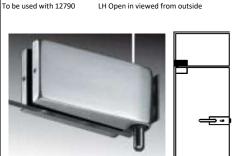
Part Number	Finish
14600 SAA	Satin Anodised Aluminium covers
14600 SSS	Satin Stainless Steel covers
14600 SSS KA	Satin Stainless Steel covers
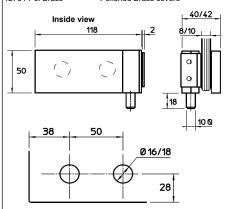
Free Swing Hinges

12731 Internal Door Overpanel patch with pivot
To be used with 12790   LH Open in viewed from outside

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

Part Number	Finish
12731 SAA	Satin Anodised Aluminium covers
12731 SSS	Satin Stainless Steel covers
12731 PSS	Polished Stainless Steel covers
12731 Pol Brass	Polished Brass covers

Inside view

12732 Internal Door Overpanel patch with pivot
To be used with 12790   RH Open in viewed from outside

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

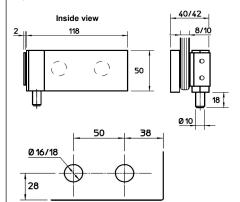| Part Number	Finish
12732 SAA	Satin Anodised Aluminium covers
12732 SSS	Satin Stainless Steel covers
12732 PSS	Polished Stainless Steel covers
12732 Pol Brass	Polished Brass covers

Inside view

12790 Internal Door Pivot patch
Top & Bottom fixing

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

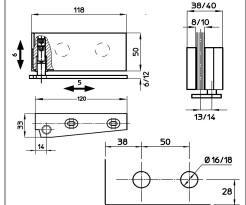| Part Number	Finish
12790 SAA	Satin Anodised Aluminium covers
12790 SSS	Satin Stainless Steel covers
12790 PSS	Polished Stainless Steel covers
12790 Pol Brass	Polished Brass covers

12791 Internal Door Pivot patch
Top & Bottom fixing

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

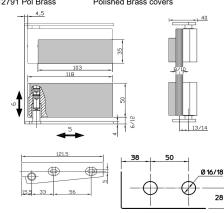| Part Number	Finish
12791 SAA	Satin Anodised Aluminium covers
12791 SSS	Satin Stainless Steel covers
12791 PSS	Polished Stainless Steel covers
12791 Pol Brass	Polished Brass covers

12792 Internal Door Pivot patch
Side fixing

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

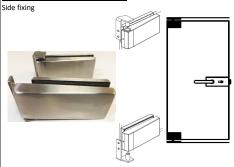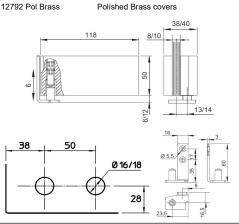| Part Number	Finish
12792 SAA	Satin Anodised Aluminium covers
12792 SSS	Satin Stainless Steel covers
12792 PSS	Polished Stainless Steel covers
12792 Pol Brass	Polished Brass covers

12793 Internal Door Pivot patch
Side fixing

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

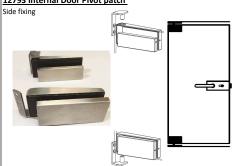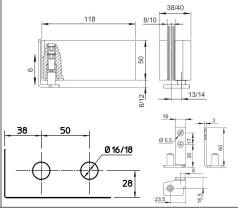| Part Number	Finish
12790 SAA	Satin Anodised Aluminium covers
12790 SSS	Satin Stainless Steel covers
12790 PSS	Polished Stainless Steel covers
12790 Pol Brass	Polished Brass covers

13100 Quadra Internal Door Hinge
Side fixing

Maximum door width = 1000mm
Maximum door weight = 50Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

Part Number	Finish
13100 SAA	Satin Anodised Aluminium covers
13100 SSS	Satin Stainless Steel covers
13100 PSS	Polished Stainless Steel covers
13100 Pol Brass	Polished Brass covers

13137 Vertical Glass/Wall Hinge
Side fixing

Maximum door width = 1000mm
Maximum door weight = 80Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

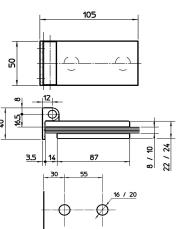| Part Number	Finish
13137 SAA	Satin Anodised Aluminium covers
13137 ISS	Imitation Stainless Steel covers

13139 Vertical Glass/Wall Hinge
Side fixing

Maximum door width = 1000mm
Maximum door weight = 80Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

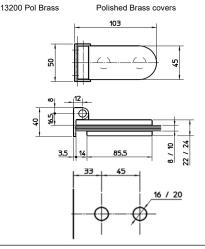| Part Number	Finish
13139 SSS	Satin Stainless Steel covers
13139 PSS	Polished Stainless Steel covers

13200 Claustra Internal Door Hinge
Side fixing
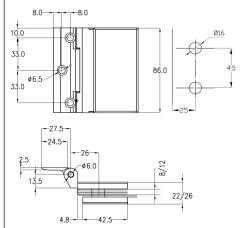
Maximum door width = 1000mm
Maximum door weight = 50Kgs
Glass thickness = 8mm - 12mm
Torque Setting = 14-16 Nm

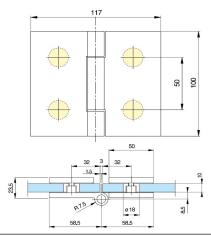| Part Number	Finish
13200 SAA	Satin Anodised Aluminium covers
13200 SSS	Satin Stainless Steel covers
13200 PSS	Polished Stainless Steel covers
13200 Pol Brass	Polished Brass covers

8652 Vertical Glass to Glass Hinge
Side fixing

Maximum door width = 900mm
Maximum door weight = 50Kgs
Glass thickness = 8mm - 12mm

Part Number	Finish
8652 SAA	Satin Anodised Aluminium
8652 ISS	Imitation Stainless Steel
8652 Pol Chrome	Polished Chrome
8652 Black	Black Anidised Aluminium

8653 Vertical Glass to Wall Hinge
Side fixing

Maximum door width = 1000mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm

Part Number	Finish
8653 SAA	Satin Anodised Aluminium
8653 ISS	Imitation Stainless Steel
8653 Pol Chrome	Polished Chrome
8653 Black	Black Anidised Aluminium

8700 Glass/Wall Hinge	**8701 Glass/Wall Hinge**	**8705 Glass/Glass Hinge**
Double Action 90° Hold open	Double Action 90° Hold open	Double Action 90° Hold open

8700 Glass/Wall Hinge

Maximum door width = 900mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Self closing = From 0° - 15°

Part Number	Finish
8700 Matt Chrome	Matt Chrome
8700 ISS	Imitation Stainless Steel
8700 Pol Chrome	Polished Chrome
8700 IPG	Imitation Polished Gold

8701 Glass/Wall Hinge

Maximum door width = 900mm
Maximum door weight = 60Kgs
Glass thickness = 8mm - 12mm
Self closing = From 0° - 15°

Part Number	Finish
8701 Matt Chrome	Matt Chrome
8701 ISS	Imitation Stainless Steel
8701 Pol Chrome	Polished Chrome
8701 IPG	Imitation Polished Gold

8705 Glass/Glass Hinge

Maximum door width = 900mm
Maximum door weight = 50Kgs
Glass thickness = 8mm - 12mm
Self closing = From 0° - 15°

Part Number	Finish
8705 Matt Chrome	Matt Chrome
8705 ISS	Imitation Stainless Steel
8705 Pol Chrome	Polished Chrome
8705 IPG	Imitation Polished Gold

Latch Sets

15100 Quadra Locking Latch
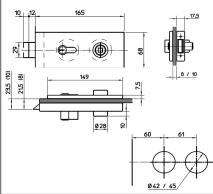Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15100 ISS	Imitation Stainless Steel
15100 SAA	Satin Anodised Aluminium covers
15100 SSS	Satin Stainless Steel covers
15100 PSS	Polished Stainless Steel covers
15100 Pol Brass	Polished Brass covers
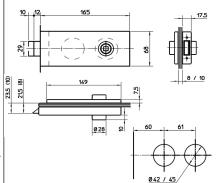
15102 Quadra Non-Locking Latch
Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
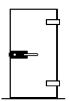Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

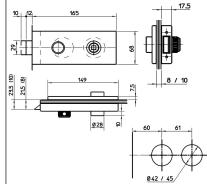| Part Number	Finish
15102 ISS	Imitation Stainless Steel
15102 SAA	Satin Anodised Aluminium covers
15102 SSS	Satin Stainless Steel covers
15102 PSS	Polished Stainless Steel covers
15102 Pol Brass	Polished Brass covers

15106 Quadra Locking Latch
Handles, Cylinder and Lock Keep sold separately
Thumb turn locking one side only

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
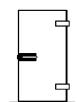Glass Holding Power = N/A

Part Number	Finish
15106 ISS	Imitation Stainless Steel
15106 SAA	Satin Anodised Aluminium covers
15106 SSS	Satin Stainless Steel covers
15106 PSS	Polished Stainless Steel covers
15106 Pol Brass	Polished Brass covers

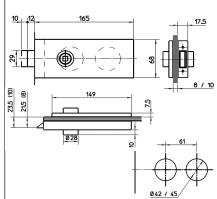## 15112 Quadra Non-Locking Latch
Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15112 ISS	Imitation Stainless Steel
15112 SAA	Satin Anodised Aluminium covers
15112 SSS	Satin Stainless Steel covers
15112 PSS	Polished Stainless Steel covers
15112 Pol Brass	Polished Brass covers

15120 Quadra Locking Door kit

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15120 SAA	Satin Anodised Aluminium covers
15120 SSS	Satin Stainless Steel covers
15120 PSS	Polished Stainless Steel covers

Each kit conprises
1 Pair 13100 Indernal door
1 Number 15100 Locking Latch set
1 Number 0497 51mm Euro profile cylinder
1 Pair 15607 Lever handles
1 Number 15440 Jamb strike plate

15121 Quadra Non-Locking Door kit

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15121 SAA	Satin Anodised Aluminium covers
15121 SSS	Satin Stainless Steel covers
15121 PSS	Polished Stainless Steel covers

Each kit conprises
1 Pair 13100 Indernal door
1 Number 15102 Non-Locking Latch set
1 Number 0497 51mm Euro profile cylinder
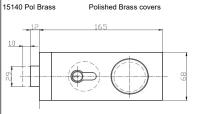1 Pair 15607 Lever handles
1 Number 15440 Jamb strike plate
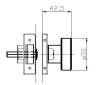
15140 Quadra Locking Latch

Fixed knob outside, lever inside. Open in only
Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15140 ISS	Imitation Stainless Steel
15140 SAA	Satin Anodised Aluminium covers
15140 SSS	Satin Stainless Steel covers
15140 PSS	Polished Stainless Steel covers
15140 Pol Brass	Polished Brass covers

15141 Quadra Locking Latch

Fixed knob outside, lever inside.LH Viewed outside. Open out only.
Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15141 ISS	Imitation Stainless Steel
15141 SAA	Satin Anodised Aluminium covers
15141 SSS	Satin Stainless Steel covers
15141 PSS	Polished Stainless Steel covers
15141 Pol Brass	Polished Brass covers

15142 Quadra Locking Latch

Fixed knob outside, lever inside.RH Viewed outside. Open out only.
Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

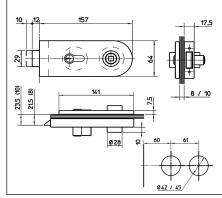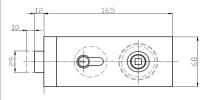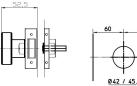| Part Number	Finish
15142 ISS	Imitation Stainless Steel
15142 SAA	Satin Anodised Aluminium covers
15142 SSS	Satin Stainless Steel covers
15142 PSS	Polished Stainless Steel covers
15142 Pol Brass	Polished Brass covers

15200 Claustra Locking Latch
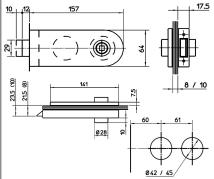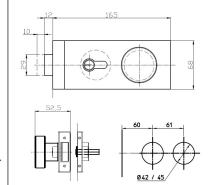
Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15200 ISS	Imitation Stainless Steel
15200 SAA	Satin Anodised Aluminium covers
15200 SSS	Satin Stainless Steel covers
15200 PSS	Polished Stainless Steel covers
15200 Pol Brass	Polished Brass covers

15202 Claustra Non-Locking Latch

Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15202 ISS	Imitation Stainless Steel
15202 SAA	Satin Anodised Aluminium covers
15202 SSS	Satin Stainless Steel covers
15202 PSS	Polished Stainless Steel covers
15202 Pol Brass	Polished Brass covers

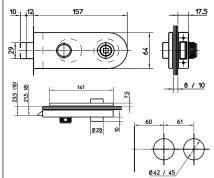## 15206 Claustrara Locking Latch

Handles, Cylinder and Lock Keep sold separately
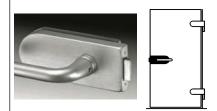Thumb turn locking one side only

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15206 ISS	Imitation Stainless Steel
15206 SAA	Satin Anodised Aluminium covers
15206 SSS	Satin Stainless Steel covers
15206 PSS	Polished Stainless Steel covers
15206 Pol Brass	Polished Brass covers

15212 Claustra Non-Locking Latch
Handles, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15212 ISS	Imitation Stainless Steel
15212 SAA	Satin Anodised Aluminium covers
15212 SSS	Satin Stainless Steel covers
15212 PSS	Polished Stainless Steel covers
15212 Pol Brass	Polished Brass covers

15220 Claustra Locking Door kit

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
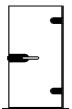Glass Holding Power = N/A

Part Number	Finish
15220 SAA	Satin Anodised Aluminium covers
15220 SSS	Satin Stainless Steel covers
15220 PSS	Polished Stainless Steel covers

Each kit conprises
1 Pair 13200 Indernal door
1 Number 15200 Locking Latch set
1 Number 0497 51mm Euro profile cylinder
1 Pair 15607 Lever handles
1 Number 15440 Jamb strike plate

15221 Claustra Non-Locking Door kit

Maximum door width = N/A
Maximum door weight = N/A
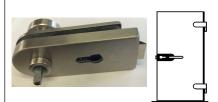Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15221 SAA	Satin Anodised Aluminium covers
15221 SSS	Satin Stainless Steel covers
15221 PSS	Polished Stainless Steel covers

Each kit conprises
1 Pair 13200 Indernal door
1 Number 15202 Non-Locking Latch set
1 Number 0497 51mm Euro profile cylinder
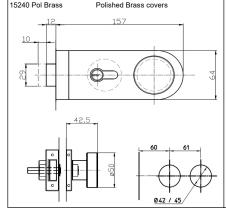1 Pair 15607 Lever handles
1 Number 15440 Jamb strike plate

15240 Claustra Locking Latch
Fixed knob outside, lever inside. Open in only
Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

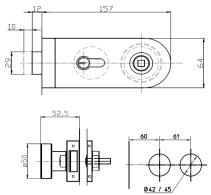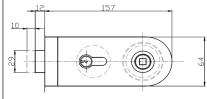| Part Number	Finish
15240 ISS	Imitation Stainless Steel
15240 SAA	Satin Anodised Aluminium covers
15240 SSS	Satin Stainless Steel covers
15240 PSS	Polished Stainless Steel covers
15240 Pol Brass	Polished Brass covers

15241 Claustra Locking Latch
Fixed knob outside, lever inside.LH Viewed outside. Open out only.
Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15241 ISS	Imitation Stainless Steel
15241 SAA	Satin Anodised Aluminium covers
15241 SSS	Satin Stainless Steel covers
15241 PSS	Polished Stainless Steel covers
15241 Pol Brass	Polished Brass covers

151242 Claustra Locking Latch
Fixed knob outside, lever inside.RH Viewed outside. Open out only.
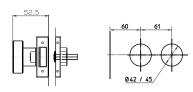Handle, Cylinder and Lock Keep sold separately

Maximum door width = N/A
Maximum door weight = N/A
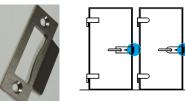Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

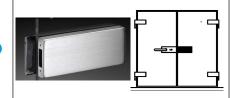| Part Number	Finish
15242 ISS	Imitation Stainless Steel
15242 SAA	Satin Anodised Aluminium covers
15242 SSS	Satin Stainless Steel covers
15242 PSS	Polished Stainless Steel covers
15242 Pol Brass	Polished Brass covers

15440 Jamb Strike Plate for Claustra/Quadra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
15440	Satin Stainless Steel covers

15441 Jamb Strike Plate for Claustra/Quadra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
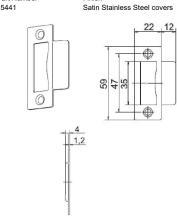Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
15441	Satin Stainless Steel covers

15810 Quadra Strike Box

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
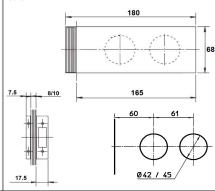Glass Holding Power = N/A

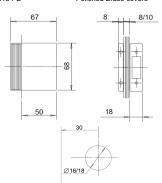| Part Number	Finish
15810 ISS	Imitation Stainless Steel
15810 SAA	Satin Anodised Aluminium covers
15810 SSS	Satin Stainless Steel covers
15810 PSS	Polished Stainless Steel covers
15810 PB	Polished Brass covers
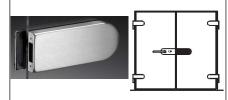
15815 Quadra/Claustra Strike Box

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15815 ISS	Imitation Stainless Steel
15815 SAA	Satin Anodised Aluminium covers
15815 SSS	Satin Stainless Steel covers
15815 PSS	Polished Stainless Steel covers
15815 PB	Polished Brass covers

15820 Claustra Strike Box

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15820 ISS	Imitation Stainless Steel
15820 SAA	Satin Anodised Aluminium covers
15820 SSS	Satin Stainless Steel covers
15820 PSS	Polished Stainless Steel covers
15820 PB	Polished Brass covers

15604 Lever Handles
For use with Quadra or Claustra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
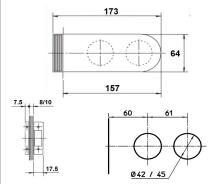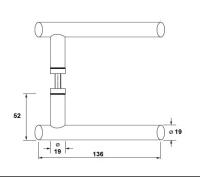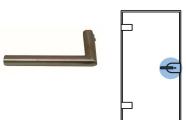Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

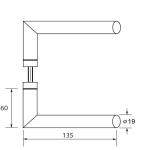| Part Number	Finish
15604 Duo	Dual finish SSS & PSS
15604 SSS	Satin Stainless Steel covers
15604 PSS	Polished Stainless Steel covers

15605 Lever Handles
For use with Quadra or Claustra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15605 Duo	Dual finish SSS & PSS
15605 SSS	Satin Stainless Steel covers
15605 PSS	Polished Stainless Steel covers

60
135
ø19

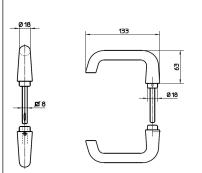**15607 SAA Lever Handles**
For use with Quadra or Claustra Latch sets
Quick fit handles

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15607 ISS	Imitation Stainless Steel
15607 SAA	Satin Anodised Aluminium covers

Ø 18
Ø 8
133
63
Ø 18

15607 SSS Lever Handles
For use with Quadra or Claustra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

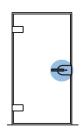| Part Number	Finish
15607 SSS	Satin Stainless Steel covers
15607 PSS	Polished Stainless Steel covers

57
Ø19
50
140

15608 Lever Handles
For use with Quadra or Claustra Latch sets
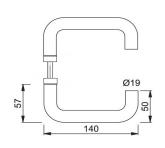
Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15608 SSS	Satin Stainless Steel covers
15608 PSS	Polished Stainless Steel covers

57
135
Ø19
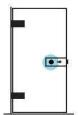
15623 Knob Handles
For use with Quadra or Claustra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

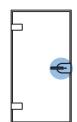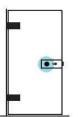| Part Number	Finish
15623 SAA	Satin Anodised Aluminium covers

Ø50
Ø27
Ø8
Ø18
Ø50
45
45

15625 Lever Handles
For use with Quadra or Claustra Latch sets

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm - 12mm
Glass Holding Power = N/A

Part Number	Finish
15625 ISS	Imitation Stainless Steel
15625 SAA	Satin Anodised Aluminium covers

Ø50
Ø27
Ø8
Ø18
Ø50
47
47

G-04.0 Locking Latch set

Handles, Cylinder included. Lock Keep sold separately
Handed

LH
Viewed from outside
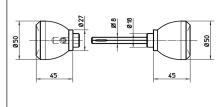
Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm
Glass Holding Power = N/A

Part Number	Finish
G-04.0 LH PSS	Polished Stainless Steel
G-04.0 LH SSS	Satin Stainless Steel covers
G-04.0 RH PSS	Polished Stainless Steel
G-04.0 RH SSS	Satin Stainless Steel covers

10
27
150
34
75
30
64
59
130
120
Ø 10

G-04.0RR Non-Locking Latch set

Handles, Cylinder included. Lock Keep sold separately
Handed

LH
Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm
Glass Holding Power = N/A

Part Number	Finish
G-04.0RR LH SS	Polished Stainless Steel
G-04.0RR LH SSS	Satin Stainless Steel covers
G-04.0RR RH PSS	Polished Stainless Steel
G-04.0RR RH SSS	Satin Stainless Steel covers

10
27
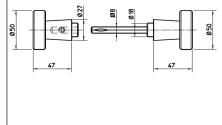150
75
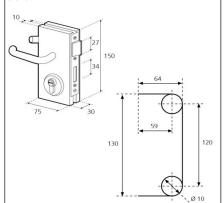30
64
59
130
120
Ø 10

G-04.1 Latch Keep without stop

LH Viewed from inside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm
Glass Holding Power = N/A

Part Number	Finish
G-04.1 PSS	Polished Stainless Steel
G-04.1 SSS	Satin Stainless Steel covers

10
28
150
36
75
30
64
59
130
120
Ø 10

G-04.1T Latch Keep with stop

Handles, Cylinder included. Lock Keep sold separately
Handed

LH
LH Viewed from inside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm
Glass Holding Power = N/A

Part Number	Finish
G-04.1T LH PSS	Polished Stainless Steel
G-04.1T LH SSS	Satin Stainless Steel covers
G-04.1T RH PSS	Polished Stainless Steel
G-04.1T RH SSS	Satin Stainless Steel covers

75
10
28
150
36
25
30
64
59
130
120
Ø 10

G-09.1 Latch Keep without stop

LH
LH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
G-09.0 LH SSS	Satin Stainless Steel covers

30
28
23
150
36

G-09.1T Latch Keep with stop

Handed

LH
LH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

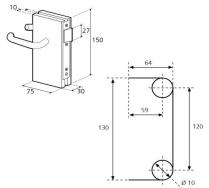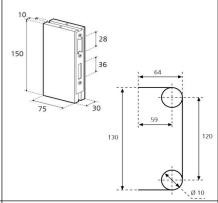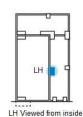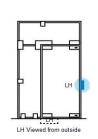| Part Number	Finish
G-09.1T LH SSS	Satin Stainless Steel covers
G-09.1T RH SSS	Satin Stainless Steel covers

30
28
23
150
36
10

G-G.0 Locking Latch set
Handles, Cylinder included. Lock Keep sold separately
Handed

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-G.0 LH PSS 10mm	Polished Stainless Steel
G-G.0 LH SSS 10mm	Satin Stainless Steel covers
G-G.0 RH PSS 10mm	Polished Stainless Steel
G-G.0 RH SSS 10mm	Satin Stainless Steel covers
G-G.0 LH PSS 12mm	Polished Stainless Steel
G-G.0 LH SSS 12mm	Satin Stainless Steel covers
G-G.0 RH PSS 12mm	Polished Stainless Steel
G-G.0 RH SSS 12mm	Satin Stainless Steel covers

G-G.0RR Non-Locking Latch set
Handles, Cylinder included. Lock Keep sold separately
Handed

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-G.0RR LH PSS 10mm	Polished Stainless Steel
G-G.0RR LH SSS 10mm	Satin Stainless Steel covers
G-G.0RR RH PSS 10mm	Polished Stainless Steel
G-G.0RR RH SSS 10mm	Satin Stainless Steel covers
G-G.0RR LH PSS 12mm	Polished Stainless Steel
G-G.0RR LH SSS 12mm	Satin Stainless Steel covers
G-G.0RR RH PSS 12mm	Polished Stainless Steel
G-G.0RR RH SSS 12mm	Satin Stainless Steel covers

G-G.0WC Locking Latch set for Bathrooms
Handles, Indicator lock included. Lock Keep sold separately
Handed

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-G.0 LH PSS 10mm	Polished Stainless Steel
G-G.0 LH SSS 10mm	Satin Stainless Steel covers
G-G.0 RH PSS 10mm	Polished Stainless Steel
G-G.0 RH SSS 10mm	Satin Stainless Steel covers
G-G.0 LH PSS 12mm	Polished Stainless Steel
G-G.0 LH SSS 12mm	Satin Stainless Steel covers
G-G.0 RH PSS 12mm	Polished Stainless Steel
G-G.0 RH SSS 12mm	Satin Stainless Steel covers

G-GC.1 Latch keep without stop
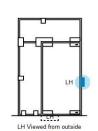
Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-GC.1 PSS 10mm	Polished Stainless Steel
G-GC.1 SSS 10mm	Satin Stainless Steel covers
G-GC.1 PSS 12mm	Bright Stainle Polished Stainless Steel
G-GC.1 PSS 12mm	Satin Stainless Steel covers

G-GC.1T Latch keep with stop
Handed

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A
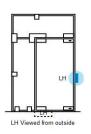
Part Number	Finish
G-GC.1T LH PSS 10mm	Polished Stainless Steel
G-GC.1T LH SSS 10mm	Satin Stainless Steel covers
G-GC.1T LH PSS 10mm	Polished Stainless Steel
G-GC.1T LH SSS 10mm	Satin Stainless Steel covers
G-GC.1T LH PSS 12mm	Polished Stainless Steel
G-GC.1T LH SSS 12mm	Satin Stainless Steel covers
G-GC.1T LH PSS 12mm	Polished Stainless Steel
G-GC.1T LH SSS 12mm	Satin Stainless Steel covers

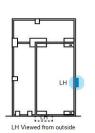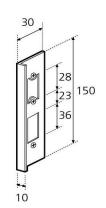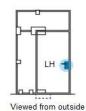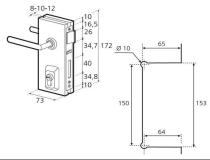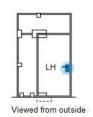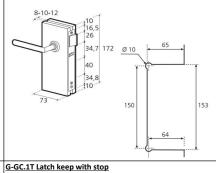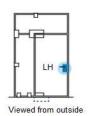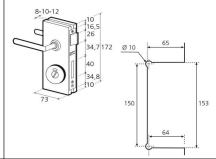## G-GC9.1 Latch keep without stop

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
G-GC9.1 SSS	Satin Stainless Steel covers

G-GC9.1T Latch keep with stop
Handed

LH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A

Part Number	Finish
G-04.0 LH SSS	Satin Stainless Steel covers
G-04.0 RH SSS	Satin Stainless Steel covers

15,5
28
32,7 172
42
43,8

G-I.0 Locking Latch set
Handles, Cylinder included. Lock Keep sold separately
To suit rebated frames. Handed

RH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

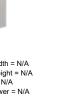| Part Number	Finish
G-I.0 LH PSS 10mm	Polished Stainless Steel
G-I.0 LH SSS 10mm	Satin Stainless Steel covers
G-I.0 RH PSS 10mm	Polished Stainless Steel
G-I.0 RH SSS 10mm	Satin Stainless Steel covers
G-I.0 LH PSS 12mm	Polished Stainless Steel
G-I.0 LH SSS 12mm	Satin Stainless Steel covers
G-I.0 RH PSS 12mm	Polished Stainless Steel
G-I.0 RH SSS 12mm	Satin Stainless Steel covers

25 / 26 / 35 / 40 / 44 / 70 / 55 / 110 / 58 / 75 / 45 / 74 / Ø 42

G-I.0RR Non-Locking Latch set
Handles, Cylinder included. Lock Keep sold separately
To suit rebated frames. Handed

RH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-I.0RR LH PSS 10mm	Polished Stainless Steel
G-I.0RR LH SSS 10mm	Satin Stainless Steel covers
G-I.0RR RH PSS 10mm	Polished Stainless Steel
G-I.0RR RH SSS 10mm	Satin Stainless Steel covers
G-I.0RR LH PSS 12mm	Polished Stainless Steel
G-I.0RR LH SSS 12mm	Satin Stainless Steel covers
G-I.0RR RH PSS 12mm	Polished Stainless Steel
G-I.0RR RH SSS 12mm	Satin Stainless Steel covers

25 / 26 / 170 / 119 / 55 / 110 / 58 / 75 / 45 / 74 / Ø 42

G-I.1 Latch keep with stop
Handed

LH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = 10mm or 12mm Specify with order
Glass Holding Power = N/A

Part Number	Finish
G-I.1 LH PSS 10mm	Polished Stainless Steel
G-I.1 LH SSS 10mm	Satin Stainless Steel covers
G-I.1 RH PSS 10mm	Polished Stainless Steel
G-I.1 RH SSS 10mm	Satin Stainless Steel covers
G-I.1 LH PSS 12mm	Polished Stainless Steel
G-I.1 LH SSS 12mm	Satin Stainless Steel covers
G-I.1 RH PSS 12mm	Polished Stainless Steel
G-I.1 RH SSS 12mm	Satin Stainless Steel covers

25 / 26 / 170 / 35 / 40 / 44 / 58 / 75 / 45 / 74 / Ø 42

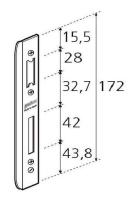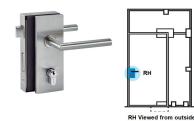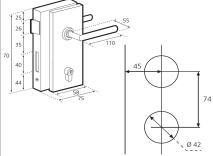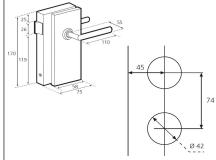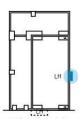## G-I.9 Latch keep without stop

LH Viewed from outside

Maximum door width = N/A
Maximum door weight = N/A
Glass thickness = N/A
Glass Holding Power = N/A
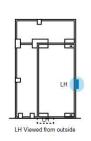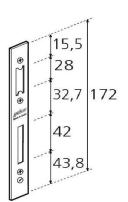
Part Number	Finish
G-I.9 SSS	Satin Stainless Steel covers

15,5
28
32,7 172
42
43,8

Handing for doors with Gedasa latches

LH Open in

Viewed from outside

RH Open in

Viewed from outside

FITTINGS SPECIFICATIONS

Product

In selecting doors for any given situation, it is important to determine the direction of swing of doors in conjunction with the requirements of pedestrian traffic, fire departments and other uses. Consideration should be given to the need to protect an entrance form undesirable effects of the weather such as driving rain or strong winds. It may be necessary to set the entrance in from the general plane of the façade or provide a draught lobby.

It is important to allow room for the swing of the doors and their furniture and to provide adequate stops where over swing can occur.
Consideration should be given to employing smaller door leaves, weaker floor springs, or both, where the elderly or infirm persons are able to operate them. In such circumstances it is important to take due account of wind action and the DDA regulations.

Where doors are situated above a step(s) a platform should be provided to stand on whilst operating the door. It is bad practise to have a step up or down when passing through a doorway.
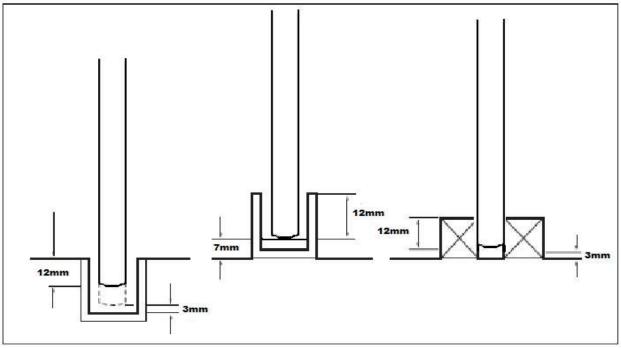
Edge cover and clearances.

Flush channel

In the case of a channel sunk into the structural face, the minimum recommended glass cover is 12mm. To guard against this cover being decreased, we suggest therefore, a nominal cover of 20mm. This allows for variations in the opening and for glass size tolerances. The clearance between the glass and the inside of the channel should not be less than 3mm.

Surface Mounted channel
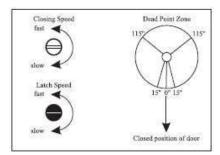
The minimum requirements for the positioning of glass in a surface mounted application are the same as for flush channel. To allow for varying thicknesses of glazing channels, a minimum of 7mm has to be allowed between the glass and the structure.

Fittings

All **SPEEDY** floor springs have positional adjustment for width, height, length and diagonal alignment. Two separate valves independently control the closing and latching speeds of the door. The closing action of the door starts at 115^0 and ends at 0^0.
Full instruction leaflets are given with each floor spring.

The floor springs are colour coded for three strengths with retention at 90^0 and non retention available in each strength.
All **SPEEDY** floor springs have a "light hold-open position from 115^0-175^0.

See separate table for floor spring specification on page?

Handles and rules for hole requirements.

See page ?? for handle types available from stock. Bespoke handles will incur extra cost and lead time.
Please consult with the glass processor for the position of holes in Tempered/Tempered Laminated glass.

Door Rails

The door rail consists of three split pressure cast alloy clamping blocks which contain the pivot connections and lock bodies. These clamping blocks are joined together by two aluminium extrusions which are grooved to take the slide on cover plates. These cover plates are finally retained by screwing on an end cap to each end of the rail.

Patch fittings

Patch fittings perform the function of linking panels and fins together and contain items such as locks, pivots, pivot adaptors etc' for doors, side panels and transoms. They consist of a split pressure cast alloy body, which clamps with gaskets and insulating bushes to the glass. Aluminium or stainless steel cover plates clip around the body and are retained by small grub screws. **Gaskets will be supplies to suit 10mm glass unless otherwise specified.**

A TORQUE WRENCH MUST BE USED ON DOOR RAILS AND PATCH FITTINGS.
SETTING 14 – 16 NM

Finish

All fittings are available in a choice of standard finishes as shown. Other finishes can be obtained for which enquiries must be submitted and may entail an extended delivery period.

Stock

We will endeavour to carry the items in this catalogue in stock; however it may be prudent to check prior to ordering.

Non Stock Items

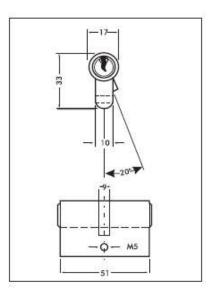For situations which require non stock items an extended delivery period will apply.

Locking

All locks are manufactured to suit a double euro profile cylinder. The standard arrangement is for cylinders to be keyed alike, please specify individual keying.
Thumbturn and Thumbturn bathroom cylinders are available.
Customers can use their own cylinder systems, provided they are compatible
With the profile illustrated below.

Glass

Door rails and patch fittings are supplied to suit 10mm and 12mm Tempered/Tempered Laminated glass.
Please specify glass thickness with order to ensure that you receive the correct gaskets.
Other Glass thicknesses

Door rails and patch fittings can be supplied to suit thicker glasses upon request.
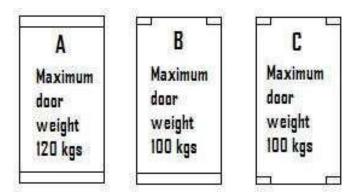However these items may entail an extended delivery period. Please check for full details.

Rules on Aspect Ratio

Please consult tempered glass manufacturer.

Glass Weights

Thickness (mm)	Weight (kg/M²)
10	25.0
12	30.0

Maximum sizes of Doors

Fins

When should a fin be used?

As a general guide, when the height of the transom plus the width of the adjacent side panel exceeds a total of 1400mm a fin is required. This is to cope with the load imposed on the assembly by the action of the door(s) and the external wind loads.
The fins must be securely fixed to a suitably rigid structure at the top of the assembly.

PLEASE NOTE

Technical specifications for Tempered/Tempered Laminated glass are guidelines only. Please consult your glass processor for full information.

Delivery

We aim to deliver stock items in 1-2 days.
Door rails, which have an element of manufacture and construction, 2-3 days.
Orders for large quantities may affect the above.
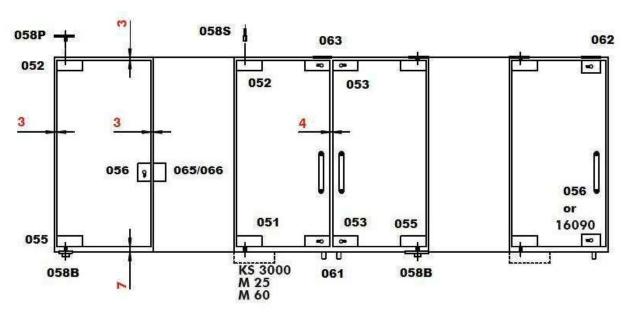
Glazing Techniques

It must be stressed that glass to metal contact must be avoided at all times.

It is strongly recommended that the cover plates should not be fitted until completion of a job as part of the normal protection employed on site for this type of work. This is to avoid unnecessary damage, especially where there is likely to be continuous movement of personnel and materials. It is advisable to indicate the presence of glass during installation.

Structural Movements

It is vitally important, at the planning stage of a Glass Assembly, to take into account any possible movements in the structure due to thermal, livedload and deadload movements. These need to be accommodated in such a way that the assembly, being ground based, should always have sufficient clearance between the glass edge and the structure on the top and sides of the assembly.

Door Clearances

Floor Spring Specification

KS3000 SPECIFICATIONS

Technical data:
Doors weighing up to 120 kg

	Maximum door width	
	Exterior	**Interior**
"Yellow" force	90 cm	110 cm
"Red" force	100 cm	120 cm

Cement case measurements: 80 x 270 x 56
Weight: 4.3 kg
Note:

M60 SPECIFICATIONS

Technical data:
Doors weighing up to 120 kg

	Maximum door width	
	Exterior	**Interior**
"Yellow" force	90 cm	110 cm
"Red" force	100 cm	120 cm

Cement case measurements: 96.5 x 267.5 x 56
Weight: 5.1 kg

Note: optimum fixing is obtained by blocking the nuts with a torque between 8 and 10 Nm

M25 SPECIFICATIONS

Technical data:
Doors weighing up to 120 kg

	Maximum door width	
	Exterior	**Interior**
"Black" force	110 cm	140 cm

Cement case measurements: 130 x 283 x 65
Weight: 6.4 kg
Note:

Overhead concealed closer selection table

Door width	Closer size	Closing force
Up to 750mm	**1 = Yellow**	**20 NM**
751mm to 950mm	**2 = Red**	**27 NM**
951mm to 1150mm	**3 = Black**	**33 NM**

IMPORTANT INFORMATION

It is the responsibility of the purchaser or specifier to ensure that the product ordered is appropriate to its application and that its use complies with all local and national legislation, building regulations, standards, and codes of practice and any other requirements.

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