Coburn Centafold & Foldaside
FOR INTERIOR FOLDING PARTITIONS

A comprehensive range of sliding door fittings for timber folding partitions either top hung or bottom rolling with end or centrally hung door leaves.

The door gears detailed in this catalogue, with the exception of Foldaside 210 and Foldaside 310, are not normally suitable for exterior openings as rebated heads and cills cannot be used. See separate catalogue for full range of exterior Foldaside and Cornaway Door Systems.

All standard Foldaside and Centafold hangers are of steel construction with ball bearings lubricated for life. Hangers and guides, except those used on Foldaside 210 and 310, are fitted to the top and edges of the door leaves and are therefore concealed when the partition is closed across the opening. In many instances opening widths are unlimited but individual door leaves are restricted to between 700 to 900mm wide on Foldaside end hung doors and between 700 to 1200mm wide on Centafold centre hung doors.

With the Foldaside system, usually up to 8 leaves may be hinged together with the end leaf hinged to jamb. “Loose” or “floating” suits of door leaves are not recommended with interior Foldaside Door Gear except Foldaside 210 pages 24-25 and Foldaside 310 pages 26-27. With the Centafold system up to 7½ leaves may be hinged together with end half leaf hinged to jamb. “Loose” or “floating” suits of five or seven leaves may be used with top hung systems only. See the pages relating to the gear concerned for complete details of maximum sizes.

All performance recommendations apply to the gear only and specifiers and purchasers must satisfy themselves that the building structures are adequate for the door weights and will allow the specified working clearances to be maintained under all conditions. All loadings given are based on doors subjected to normal manual usage under normal conditions.

Complete folding partitions and sound reducing movable walls are also available from Hillaldam Coburn Limited on a supply and fix basis.
DESIGN
Brackets have been designed to perform to all maximum carrying capacities shown in this catalogue under all normal conditions. For unusual and mechanically operated doors consult HILLALDAM COBURN.

MATERIALS
All brackets are either aluminium, forged or pressed steel.

JOINT AND END BRACKETS
The 100 type of side fixing brackets for all tracks have a detachable lock-joint kit to convert the ordinary plain bracket, and most types of brackets for 2-16, 3-20 and 3-25 tracks have detachable end plates which convert plain brackets to any hand of closed end.

SINGLE TRACK SIDE FIXING BRACKETS
Type - 100 Open bracket.
- 051 Closed end piece to convert 2-100 & 3-100 open.
  brackets to any hand of closed end.
- 002 Lock joint plate to convert 2-100 & 3-100 open.
  brackets to lock joint brackets.

<table>
<thead>
<tr>
<th>Track No.</th>
<th>A</th>
<th>B</th>
<th>C Open/Closed</th>
<th>C Lock Joint</th>
<th>D</th>
<th>E</th>
<th>H Bolt Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-16</td>
<td>92</td>
<td>50</td>
<td>49</td>
<td>49</td>
<td>76</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>3-20</td>
<td>121</td>
<td>67</td>
<td>60</td>
<td>60</td>
<td>102</td>
<td>35</td>
<td>12</td>
</tr>
</tbody>
</table>

UNIVERSAL SOFFIT FIXING BRACKETS
Type - 150 Open bracket.
- 051 Closed end piece to convert open bracket to any hand of closed end.
- 152 Lock joint bracket.

<table>
<thead>
<tr>
<th>Track No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H Bolt Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-16</td>
<td>70</td>
<td>45</td>
<td>45</td>
<td>90</td>
<td>8</td>
</tr>
<tr>
<td>3-20</td>
<td>94</td>
<td>58</td>
<td>57</td>
<td>115</td>
<td>10</td>
</tr>
<tr>
<td>3-25</td>
<td>87</td>
<td>58</td>
<td>57</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

SOFFIT FIXING BRACKETS
Type - 190 Plain and
- 192 Lock joint.

<table>
<thead>
<tr>
<th>Track No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>H Bolt Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-16</td>
<td>65</td>
<td>44</td>
<td>44</td>
<td>10</td>
</tr>
<tr>
<td>3-20</td>
<td>87</td>
<td>58</td>
<td>57</td>
<td>12</td>
</tr>
<tr>
<td>3-25</td>
<td>87</td>
<td>58</td>
<td>57</td>
<td>12</td>
</tr>
</tbody>
</table>

FINISH: All steel brackets are supplied zinc plated.
Top Track Bracket Spacings

BRACKET SPACING FOR STANDARD LENGTHS OF 2-16, 3-20 AND 3-25 TRACK

Side or soffit fixing top track brackets are available for all top hung systems using tracks 2-16, 3-20 and 3-25 which must have track supporting brackets positioned at the centres shown.

With Foldaside 640 and Centafold 644 bottom rolling systems, the track is normally screwed direct to the timber soffit – see drawing details pages 13 and 23.

Closed end brackets should be fitted at the end of each track run and lock-joint brackets at each track joint. In addition, intermediate open brackets are required on each track length to maintain the bracket centres at a maximum of 900mm. The number of intermediate open brackets per track length are scheduled below.

1.8m  Track length = 1 intermediate open bracket.
2.1m  Track length = 2 intermediate open brackets.
2.4m  Track length = 2 intermediate open brackets.
3.0m  Track length = 3 intermediate open brackets.

All Foldaside and Centafold top hung systems require an extra bracket fitted where the concentrated weight of the folded doors is carried when in the open parked position.

FOR TRACKS 2-16, 3-20, 3-25
CLOSED END PLATES ARE SENT SEPARATELY AND CAN BE ASSEMBLED EITHER HAND.

FOR TRACKS 2-16 AND 3-20 TYPE 100 SIDE WALL BRACKETS THE LOCK JOINT DEVICE IS ALSO SUPPLIED AS A KIT AND IS ASSEMBLED TO A PLAIN BRACKET.

EXTRA BRACKETS ARE NECESSARY WHERE A CONCENTRATED WEIGHT OF FOLDED DOORS IS CARRIED.

ADDITIONAL BRACKETS MAY BE NECESSARY WITH HEAVIEST GEARS REFER TO APPROPRIATE DRAWING.
Door Furniture For Interior Folding Partitions

**Extruded Aluminium**
80 x 20mm
95-622
Door Pull

**Precision Die Cast**
100 x 50mm
Satin Chrome
95-617
Flush Handle

**Aluminium, Cast**
65 x 65mm, when used with 95-632 Mortice Latch
Minimum Door Thickness 38mm S.A.A.
95-631
Flush Ring Handle

**Aluminium Cast**
130 x 65mm
Keyhole/Follower Centres
57mm, when used with 95-646 and 95-647 Mortice Locks, Minimum Door Thickness 38mm S.A.A.
95-633
Flush Ring Handle

**Brass, Ball Bearing Roller**
Adjustable Shoot
Flat Brass Forend
75 x 22mm
95-667
Roller Catch

**Brass, Ball Bearing Roller**
Adjustable Shoot
Rebated Brass Forend
95-668
Roller Catch

**Brass Bolt and Forend**
Flat Forend, 140 x 30mm
Steel Case, Depth 64mm
Height 70mm, Thickness 14mm
Backset 43mm
95-657
Mortice Latch

**Brass Bolt and Forend**
Half Rebated Forend
157 x 27 x 13mm, Steel Case
Depth 75mm, Height 70mm
Thickness 14mm
Backset 60mm
95-658
Rebated Mortice Latch

**Brass Bolt and Forend**
3 Levers, Flat Forend, 192 x 25mm, Steel Case
Depth 64mm, Height 108mm
Thickness 14mm
Backset 44mm
Keyhole/Follower Centres
57mm
95-646
Mortice Lock

**Flush Bolts**
150 x 40mm
95-669 (SAA) 95-675 (SAA)

**Flush Bolts**
190 x 40mm
95-670 (SAA) 95-677 (SAA)

**Cranked Shoots**
190 x 40mm
95-679 (SAA) 95-671 (SAA)

**Extruded Aluminium**
Anodised Finish
95-582
Floor Bolt

**Steel Butt Hinges**
Bright Finish
95-529 75 x 50mm
95-524 102 x 67mm
95-526 100 x 75mm
95-530 100 x 100mm

**Aluminium Butt Hinges**
S.A.A. Finish
95-541 75 x 50mm
95-543 102 x 67mm
95-547 100 x 75mm

**Brass Butt Hinges**
Satin Chrome Finish
100 x 100mm
95-551
All Hinges specially drilled for folding doors
Aluminium Hinges provided with stainless steel washers and pins
FOR INTERIOR END HUNG FOLDING DOORS USING EQUAL WIDTH DOOR LEAVES

**APPLICATION**
Top hung, end folding, light weight interior residential and commercial doors with concealed fixing for hangers and pivots.

**RANGE**
Maximum leaf weight 27kg (60lbs)
Maximum leaf height 2.5m
Maximum leaf width 600mm

Leaf thickness between 20 to 40mm. Swing leaves may not be used. Up to 4 leaves may be hinged together with end leaf pivoted adjacent to jamb. In situations where a greater degree of stability is required, bottom guiding with floor channel should be used. For door leaves over 450mm wide and/or over 15kg in weight, bottom guiding must be employed, minimum leaf thickness 30mm.

**DOOR CONSTRUCTION**
Solid blockboard, louvred or flush panelled construction with adequate provision for fixing end pivots and hangers.

**TRACK**
1-12 (1.2mm) Galvanised steel to BS EN 10142. Drilled for brackets or soffit fixing. Lengths 1.5m to 3.0m. Extruded aluminium track available as an optional extra.

**TRACK BRACKETS**
1-100 Steel, side fixing with two screws.

**HANGERS**
1-246 Steel construction. 4 nylon wheels, ball bearings lubricated for life. Vertical adjustment.

**HINGES**
95-521 Steel, plated finish. Surface mounted. 3 per joint for doors up to 2.1m high. 4 per joint recommended for higher doors.

**TOP AND BOTTOM PIVOTS**
95-508 Pressed steel top housing, clamp fixing in track. Spring loaded pivot fixed to top edge of door. Bottom pivot and housing, pressed steel with nylon socket slide. Vertical and lateral adjustment.

**DOOR GUIDE**
41-346 Steel plate, nylon swivel.

**FLOOR CHANNEL**
41-2 aluminium. Drilled and countersunk for woodscrew fixing. Lengths 1.5m to 3.0m.

**FURNITURE**
A range of furniture is shown on page 5.

**FINISHES**
Top track galvanised. Hangers, brackets, guides and pivots zinc plated. Furniture usually satin anodised.

**STANDARD PACKSETS FOR FOLDASIDE DOOR ARRANGEMENTS TWO DOORS FOLDING - COMPONENT PACK 100-020**
For Foldaside door arrangements. Comprising: 1 only 1-246 folding door hangers, 1 set 95-508 top and bottom pivots, 3 only 95-521 hinges, 1 only 95-622 door pull, spanner, installation details and all screws.

**FOUR DOORS FOLDING - COMPONENTS PACK 100-040**
For Foldaside door arrangements. Comprising: 2 only 1-246 folding door hangers, 1 set 95-508 top and bottom pivots, 9 only 95-521 hinges, 2 only 95-622 door pulls, spanner, installation details and all screws.

**TOP TRACK**
available in the following standards lengths:
1-12-15 length 1.5m 1-12-24 length 2.4m
1-12-18 length 1.8m 1-12-30 length 3.0m
1-12-21 length 2.1m

**SIDE FIXING TRACK BRACKET PACKS**
1-005 comprising 5 bracket with fixing screws for track lengths 1.5m, 1.8m or 2.1m.
1-008 comprising 8 brackets with fixing screws for track lengths 2.4m or 3.0m

**BOTTOM GUIDING 41-346**
door guides with 41-2 channel in lengths to match top track.
FOR TOP HUNG FOLDING PARTITIONS

APPLICATION
Top hung, light duty, internal folding doors with concealed fittings. For residential applications, etc.

RANGE
Maximum door weight 36kg (80lb)
Maximum door height 2.4m (8ft)
Maximum opening width 12.8m (42ft)
Maximum door leaf width 800mm (2ft 8in)

Up to 8 leaves may be hinged together. Loose or floating suites of door leaves are not recommended, alternatively use Foldaside 210 pages 24-25.

DOOR CONSTRUCTION
Door thickness 35 to 44mm. Width of door leaves vary according to arrangements; refer to drawings for details. Rebating to suit hanger aprons is shown. Swing leaves are best hinged to jambs. When hinged to folding suites reduce door leaf widths to 700mm and use four wheel hangers adjoining ‘swinger’. Always engage holdback catch before operating.

FIXING
Track brackets usually soffit fixed. Universal soffit bracket designed for ease of fixing and versatility. Additional brackets required where doors fold. All hangers have vertical adjustment.

Floor channel unnecessary under swing leaves.

HANGERS
All steel, ball bearing lubricated for life. 2-240 with two wheels. 2-241 with four wheels.

TRACK
2-16 (1.6mm) Galvanised steel to BS EN 10142. Standard Lengths 1.8m to 3.0m.

TRACK BRACKETS
Steel. See drawing and range on page 3.

DOOR GUIDES
41-340 Steel angle plate fits rebate of door. Nylon swivel.

FLOOR CHANNEL
41-2 Aluminium. Drilled and countersunk for timber. Lengths 1.8m to 3.0m.

FOLDASIDE BUTT HINGES
95-520 Steel, size 75 x 50mm. 95-541 Aluminium, anodised with stainless washers and pins, size 75 x 50mm. All specially drilled.

JAMB PIVOTS
95-518 Steel and brass jamb pivot set. For use with all equal width leaves.

FURNITURE
A range of furniture is shown on page 5.

FINISHES
Top track galvanised. Aprons, brackets and pivots, zinc plated. Furniture usually satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

SPECIAL NOTE: When Jamb pivots are replaced by hinges, particular attention should be paid by the joiner to leaf sizes and the use of Dimension A or B as shown on the opposite page.

EXAMPLE
QUANTITIES FOR A DOOR PARTITION 2.1m wide x 2.2m high. Weight of each leaf 30kg. Three leaves folding one way, end leaf hinged to jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Track 1 x 1.8m</td>
<td>1.8 LIN.M</td>
</tr>
<tr>
<td>B</td>
<td>Bracket, open, soffit fixing</td>
<td>4 NO.</td>
</tr>
<tr>
<td>C</td>
<td>Closed end piece</td>
<td>1 PR.</td>
</tr>
<tr>
<td>D</td>
<td>Bolts for brackets (by others)</td>
<td>8 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Hanger, four wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>F</td>
<td>Foldaside aluminium hinges S.A.A.</td>
<td>3 PACKS</td>
</tr>
<tr>
<td>G</td>
<td>Bottom guide</td>
<td>1 NO.</td>
</tr>
<tr>
<td>H</td>
<td>Floor channel aluminium d/c/sk 1 x 1.8m</td>
<td>1.8 LIN.M</td>
</tr>
<tr>
<td>J</td>
<td>Flush bolt S.A.A.</td>
<td>1 NO.</td>
</tr>
<tr>
<td>K</td>
<td>Flush handle S.C.</td>
<td>3 NO.</td>
</tr>
<tr>
<td>L</td>
<td>Holdback catch</td>
<td>1 NO.</td>
</tr>
<tr>
<td>M</td>
<td>Flush ring handles S.A.A.</td>
<td>2 NO.</td>
</tr>
<tr>
<td>N</td>
<td>Mortice lock</td>
<td>1 NO.</td>
</tr>
</tbody>
</table>
WHEN JAMB PIVOTS ARE REPLACED BY HINGES, PARTICULAR ATTENTION SHOULD BE PAID BY THE JOINER TO LEAF SIZES AND THE USE OF DIMENSION A OR B AS SHOWN.

VERTICAL ADJUSTMENT
14 DIA. HOLE 40 DEEP IN TOP OF DOOR TO ACCOMMODATE PENDANT BOLT

GUIDES MUST BE PLUMB WITH HANGERS

BOTTOM CHANNEL MUST BE PLUMB WITH TOP TRACK

SECTION

RETRACTABLE

95-518 JAMB PIVOTS

PLUSH HANDLE WITH ROLLER CATCH OR
FLUSH RING HANDLES WITH MORTICE LOCK

HOLDBACK CATCH

ELEVATION AND PLAN OF PIVOTS FOR EQUAL WIDTH DOORS

2.4, 6 OR 8 LEAVES ONE OR BOTH WAYS

3, 5 OR 7 LEAVES ONE WAY

WHEN JAMB PIVOTS ARE REPLACED BY HINGES, PARTICULAR ATTENTION SHOULD BE PAID BY THE JOINER TO LEAF SIZES AND THE USE OF DIMENSION A OR B AS SHOWN.

DOOR ARRANGEMENTS FROM 2 TO 6 LEAVES ONE WAY, WITHOUT OR WITH SWING LEAF ON OPPOSITE JAMB FROM 2 TO 6 LEAVES BOTH WAYS FROM 2 TO 6 LEAVED ONE OR BOTH WAYS ON PIVOTS

TWO COACHCERTWS 8 DIA AT 90 CENTRES

REMOVABLE LINING BOTH SIDES

2-16 TRACK

2-150 UNIVERSAL DOFFIT BRACKET

2-240 HANGER 2 WHEEL

2-150 HANGER 4 WHEEL

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41-340 GUIDE
41-2 CHANNEL ALUMINIUM

DIM A:
25 + HALF THICKNESS OF DOOR
+ OFFSET OF HINGES
EXAMPLE FOR 20 DOOR
25 + 10 + 3 = 60

DIM B:
25 + HALF THICKNESS OF DOOR
+ OFFSET OF HINGES = 12
EXAMPLE FOR 20 DOOR
25 + 10 + 3 + 12 = 60

1.8 2.1 2.4 3.0 METRES

BRACKET CENTRES 600 TO 900

OPEN BRACKET
LOCK-JOINT BRACKET
EXTRA BRACKET WHERE DOORS FOLD
END BRACKET WHERE DOORS FOLD

NOTE: THE CENTRES MEETING JOINT DETAIL IS ONLY REQUIRED WHERE GATES CONTAINING AN EVEN NUMBER OF DOORS MEET WITHIN THE OPENING

ELEVATION

PLUNG HANDLE FLUSH BOLT

75 X 50 FOLDING RINGS

FLUSH HANDLE

2-240 HANGER 2 WHEEL

29 RADIUS

ELEVATION AND PLAN OF PIVOTS FOR EQUAL WIDTH DOORS
FOR TOP HUNG END FOLDING PARTITIONS

APPLICATION
Top hung, internal folding doors with concealed fittings.
For hospitals, schools, private residence etc

RANGE
Track size 3-20 3-25
Maximum weight per door leaf 50kg(110lb) 55kg(120lb)
Maximum door height 3.3m(11ft) 3.6m(12ft)
Maximum opening width 14.4m(48ft) 14.4m(48ft)
Maximum door leaf width 900mm(3ft) 900mm(3ft)

Up to 8 leaves may he hinged together. “Loose” or “floating” suites of door leaves are not recommended, alternatively use FOLDASIDE 310. pages 26-27

DOOR CONSTRUCTION
Door thickness 40 to 55mm. Width of door leaves vary according to arrangements, refer to drawings for details. Rebating to suit hanger aprons is shown. Swing leaves are best hinged to jams. When hinged to folding suites reduce door widths to 800mm and use four wheel hangers adjoining “swinger”. Always engage holdback catch before operating.

FIXING
Track brackets usually soffit fixed. Additional brackets required where doors park when folded. All hangers have vertical adjustment. Floor channel unnecessary under swing leaves.

HANGERS
All steel, ball bearing lubricated for life. 3-240 with two wheels. 3-241 with four wheels.

TRACK
3-20 (2.0mm), 3-25 (2.5mm). Galvanised steel to BS EN 10142. Standard lengths 1.8m to 3.0m.

TRACK BRACKETS
Steel. See drawing and range on page 3.

DOOR GUIDES
44-340 Steel angle plate fits rebates of doors. Brass rollers.

FLOOR CHANNEL
44-1 Galvanised Steel. 44-2 Aluminium. 44-3 Brass. Drilled and countersunk for timber or lugged for concrete. Lengths 1.8m to 3.0m.

FOLDASIDE BUTT HINGES
95-524 Steel, size 102 x 67. 95-545 Aluminium, anodised with stainless washers and pins, size 102 x 67. All specially drilled.

FURNITURE
A range of door furniture is shown on page 5.

FINISHES
Top track galvanised. Aprons and track brackets zinc plated. Furniture usually satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

EXAMPLE
QUANTITIES FOR A PARTITION 3.6m wide x 2.4m high. Weight of each leaf 38kg. Four leaves folding one way, end leaf hinged to jamb, 5th leaf hinged to opposite jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Track 1 x 3.0m</td>
<td>3.0 LIN.M</td>
</tr>
<tr>
<td>B</td>
<td>Bracket, open, soft fit fixing</td>
<td>6 NO.</td>
</tr>
<tr>
<td>C</td>
<td>Closed End Piece</td>
<td>2 NO.</td>
</tr>
<tr>
<td>D</td>
<td>Bolts for brackets (by others)</td>
<td>12 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Hangers, 2 wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>F</td>
<td>Hangers, 4 wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>G</td>
<td>Foldaside aluminium hinges S.A.A</td>
<td>5 PACKS</td>
</tr>
<tr>
<td>H</td>
<td>Roller guide</td>
<td>2 NO.</td>
</tr>
<tr>
<td>J</td>
<td>Floor channel aluminium d/c/sk</td>
<td>3.0 LIN.M</td>
</tr>
<tr>
<td>K</td>
<td>Floor channel brass d/c/sk 1 x 3.0m</td>
<td>3.0 LIN.M</td>
</tr>
<tr>
<td>L</td>
<td>Flush bolts S.A.A</td>
<td>2 NO.</td>
</tr>
<tr>
<td>M</td>
<td>Flush handles S.C.</td>
<td>5 NO.</td>
</tr>
<tr>
<td>N</td>
<td>Rebated roller catch</td>
<td>1 NO.</td>
</tr>
</tbody>
</table>

SPECIAL NOTE: Particular attention should be paid by the joiner to leaf sizes and the use of Dimension A or B as shown on the opposite page. However, where leaves weigh less than 45kg, a jamb pivot may be used to make this unnecessary.
FOR BOTTOM ROLLING END FOLDING PARTITIONS

APPLICATION
Bottom rolling, internal folding doors. For openings without rebated head or cills. For hospitals, schools, residences etc.

RANGE
Maximum door weight 75kg (160lb)
Maximum door height 3.6m (12ft)
Maximum opening width 14.4m (48ft)
Maximum door leaf width 900mm (3ft)

Up to eight leaves may be hinged together. Not suitable for loose suites.

DOOR CONSTRUCTION
Door thickness 44mm only. Width of door leaves vary according to arrangements, refer to drawing for details.
Swing leaves are best hinged to jambs. With swing leaves on folding suites, reduce door height to 3.0m, leaf width to 800mm and weight to 55kg. Always engage holdback catch before operating. As bottom rollers are housed at bottom of stile, keep tenons of rail high to avoid cut-out.

FIXING
Top track screwed to soffit. Bottom track screwed to accurately machined timber cill to provide complete support to the underside of the running tread without voids, and the cill to be firmly fitted to prevent distortion or deflection. Floor track unnecessary under swing leaves.

BOTTOM ROLLERS
64-403 Needle bearing rollers, ball bearing swivels, satin anodised aluminium cover plates, (or 64-404 with polished brass cover plates).

BOTTOM TRACK
64-3 Brass. Drilled and countersunk for wood. Lengths 1.8m to 3.0m.

TOP TRACK
7-20 (2.0mm) Galvanised steel to BS EN 10142. Drilled and countersunk for wood. Lengths 1.8m to 3.0m.

TOP GUIDES
7-340 Nylon roller, steel apron fits rebate of door.

FOLDASIDE BUTT HINGES
95-524 Steel size 102 x 67mm. 95-545 Aluminium, anodised with stainless washers and pins. Size 102 x 67mm. 95-553 Polished Brass 100 x 66mm. All specially drilled.

FURNITURE
95-677 Flush bolt SAA, 95-670 Flush bolt GAA, 95-617 Flush handle SC, 95-615 Flush handle PB, 95-665 Holdback catch. For range of locks and latches see page 5.

FINISHES
Bottom roller cover plates, handles and bolts usually SAA or Polished Brass.

SCREWS
Included with fittings.

SPECIAL NOTE: Particular attention should be paid by the joiner to leaf sizes and the reduction of the first leaf at the jamb by 63mm as shown.

EXAMPLE
QUANTITIES FOR A DOOR PARTITION 3.9m wide x 3.0m high. Weight of each leaf 60kg. Four leaves folding one way, end leaf hinged to jamb. Fifth hinged to opposite jamb.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7-20 Top track d/c/sk for screws 2 x 1.8m</td>
<td>3.6</td>
<td>LIN.M</td>
</tr>
<tr>
<td>B</td>
<td>7-340 Top guides</td>
<td>2</td>
<td>NO.</td>
</tr>
<tr>
<td>C</td>
<td>95-545 Foldaside aluminium hinges S.A.A</td>
<td>5</td>
<td>PACKS</td>
</tr>
<tr>
<td>D</td>
<td>64-403 Bottom roller S.A.A. (or 64-404)</td>
<td>2</td>
<td>NO.</td>
</tr>
<tr>
<td>E</td>
<td>64-3 Bottom track, brass, 2 x 1.8m</td>
<td>3.6</td>
<td>LIN.M</td>
</tr>
<tr>
<td>F</td>
<td>95-677 Flush bolt S.A.A.</td>
<td>2</td>
<td>NO.</td>
</tr>
<tr>
<td>G</td>
<td>95-617 Flush handle S.C.</td>
<td>3</td>
<td>NO.</td>
</tr>
<tr>
<td>H</td>
<td>95-633 Flush ring handles satin chrome</td>
<td>2</td>
<td>NO.</td>
</tr>
<tr>
<td>J</td>
<td>95-647 Rebated mortice lock</td>
<td>1</td>
<td>NO.</td>
</tr>
</tbody>
</table>
FOR END HUNG BOTTOM ROLLING DOORS
FOLDING BACK AGAINST RETURN WALLS

APPLICATION
Bottom rolling, light duty internal folding doors for residential properties with return walls sufficiently deep to allow doors to fold through 180°.

RANGE
Maximum door weight 45kg (100lb)
Maximum door height 2.4m (8ft)
Maximum opening width 4.8m (16ft)
Maximum door leaf width 900mm (3ft)

Up to three leaves folding in each direction only.

DOOR CONSTRUCTION
Door thickness 44mm only. Door leaves are all equal width, but with swing leaves on folding suites reduce door leaf widths to 800mm. As bottom rollers are housed at bottom of stile, keep tenons of rail high to avoid cut-out. With swing leaves always engage holdback catch before operating.

FIXING
Top track unnecessary, bottom track must be positioned exactly as shown on drawing. Bottom track screwed to accurately machined timber cill to provide complete support to the underside of the running tread without voids, and the cill to be firmly fitted to prevent distortion or deflection. Floor track unnecessary under swing leaves.

BOTTOM ROLLERS
64-403 Needle bearing rollers, ball bearing swivels. Satin anodised aluminium cover plates, (or 64-404 with polished brass cover plates).

BOTTOM TRACK
64-3 Brass, drilled and countersunk for wood. Lengths 1.8m to 3.0m.

FOLDASIDE BUTT HINGES
95-545 Aluminium, anodised with stainless washers and pins, size 102 x 67mm. 95-551 SC size 100 x 100mm. 95-553 PB size 100 x 66mm. All specially drilled.

FURNITURE
95-677 Plain flush bolt for bottom of door. 95-679 Cranked flush bolt for top of door. 95-617 Flush handle. 95-665 Holdback catch. For range of locks and latches see page 5.

FINISHES
Bottom roller cover plates in SAA or PB, handles and bolts in SAA or GAA.

SCREWS
Included with fittings.

EXAMPLE
QUANTITIES FOR A PARTITION 2.1m wide x 2m high. Weight of each leaf 40kg. Three leaves folding one way through 180°, end leaf hinged to jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Foldaside aluminium hinges S.A.A.</td>
</tr>
<tr>
<td>B</td>
<td>Foldaside brass hinges S.C.</td>
</tr>
<tr>
<td>C</td>
<td>Bottom roller S.A.A. cover plate</td>
</tr>
<tr>
<td>D</td>
<td>Bottom track brass d/c/sk 1 x 1.8m</td>
</tr>
<tr>
<td>E</td>
<td>Holdback catch</td>
</tr>
<tr>
<td>F</td>
<td>Flush bolt, plain S.A.A.</td>
</tr>
<tr>
<td>G</td>
<td>Flush bolt, cranked S.A.A.</td>
</tr>
<tr>
<td>H</td>
<td>Flush handle S.C.</td>
</tr>
<tr>
<td>J</td>
<td>Flush ring handles satin chrome</td>
</tr>
<tr>
<td>K</td>
<td>Mortice lock</td>
</tr>
</tbody>
</table>
FOR INTERIOR CENTRE HUNG FOLDING DOORS

APPLICATION
Top hung, centre folding, light weight interior residential and commercial doors with concealed fixings for hangers and pivots.

RANGE
- Maximum leaf weight: 27kg (60lbs)
- Maximum leaf height: 2.5m
- Maximum leaf width: 600mm
- Leaf thickness: between 20 to 40mm. Swing leaves may not be used.
  1½ or 3½ leaves may be hinged together with end half leaf pivoted adjacent to jamb. For increased stability, bottom guides and floor channel are recommended on door leaves over 450mm wide. 15kg weight or 2.1m high. Minimum leaf thickness 30mm.

DOOR CONSTRUCTION
Solid blockboard, louvred or flush panelled construction with adequate provision for fixing end pivots and hangers.

TRACK
1-12(1.2mm) Galvanised steel to BS EN 10142. Drilled for brackets or soffit fixing. Lengths 1.5m to 3.0m. Extruded aluminium track available as an optional extra.

TRACK BRACKETS
1-100 Steel, side fixing with two screws.

HANGERS
1-246 Steel construction. 4 nylon wheels, ball bearings lubricated for life. Vertical adjustment.

HINGES
95-521 Steel, plated finish. Surface mounted. 3 per joint for doors up to 2.1m high. 4 per joint recommended for higher doors.

TOP AND BOTTOM PIVOTS
95-508 Pressed steel top housing, clamp fixing in track. Spring loaded pivot fixed to top edge of door. Bottom pivot and housing, pressed steel with nylon socket slide. Vertical and lateral adjustment.

DOOR GUIDE
41-346 Steel plate, nylon swivel.

FLOOR CHANNEL
41-2 aluminium. Drilled and countersunk for woodscrew fixing. Lengths 1.5m to 3.0m.

FURNITURE
A range of furniture is shown on page 5.

FINISHES
Top track galvanised. Hangers, brackets guides and pivots zinc plated. Furniture usually satin anodised.

CENTAFOLD DOOR ARRANGEMENTS

STANDARD PACKETS

TWO DOORS FOLDING - COMPONENT PACK 100-020
For Centafold door arrangements. Comprising: 1 only 1-246 folding door hanger, 1 set top and bottom pivots, 3 only 95-521 hinges, 1 only 95-622 door pull, spanner, installation details and all screws.

FOUR DOORS FOLDING - COMPONENT PACK 100-040
For Centafold door arrangements. Comprising: 2 only 1-246 folding door hangers, 1 set top and bottom pivots, 9 only 95-521 hinges, 2 only 95-622 door pulls, spanner, installation details and all screws.

TOP TRACK
Available in the following standard lengths:
- 1-12-15 length: 1.5m
- 1-12-24 length: 2.4m
- 1-12-18 length: 1.8m
- 1-12-30 length: 3.0m
- 1-12-21 length: 2.1m

SIDE FIXING TRACK BRACKETS PACKS
1-005 comprising 5 brackets with fixing screws for track lengths 1.5m, 1.8m or 2.1m.
1-008 comprising 8 brackets with fixing screws for track lengths 2.4m or 3.0m.

BOTTOM GUIDING
41-346 door guides with 41-2 channel in lengths to match top track.
Centafold 250 Sliding & Folding Door Systems

FOR TOP HUNG CENTRE FOLDING PARTITIONS

APPLICATION
Top hung, internal folding doors. For openings without rebated heads or cills. For hospitals, schools residences etc.

RANGE
Maximum door weight 36kg (80lb)
Maximum door height 2.7m (9ft)
Maximum open width Unlimited
Maximum door leaf width 1.2m (4ft)

Up to 7½ leaves may be hinged together and loose suites of 5 and 7 leaves may be used with care.

DOOR CONSTRUCTION
Door thickness 35-44mm. Width of door leaves vary according to arrangements, refer to drawings for details. The half leaf is always hinged to jamb. With swing leaves on folding suites, reduce door leaf widths to 700mm. Always engage holdback catch before operating.

FIXING
Track brackets usually soffit fixed. Universal soffit bracket designed for ease of fixing and versatility. Additional brackets required where doors park when folded. All hangers have vertical adjustment. Floor channel unnecessary under swing leaves.

HANGERS
All steel, ball bearing, lubricated for life. 2-245 with two wheels. 2-246 with four wheels.

TRACK
2-16 (1.6mm) Galvanised steel to BS EN 10142. Standard length 1.8m to 3.0m.

TRACK BRACKETS
Steel. See drawing and range on page 3.

DOOR GUIDES
41-345 Steel plate, nylon swivel.

FLOOR CHANNEL
41-2 Aluminium. Drilled and countersunk for timber. Lengths 1.8m to 3.0m.

FOLDASIDE BUTT HINGES
95-520 Steel size 75 x 50mm. 95- 541 Aluminium, anodised with stainless washers and pins, size 75 x 50mm. All specially drilled.

FURNITURE
A range of door furniture is shown on page 5.

FINISHES
Track galvanised. Hanger plates and brackets zinc plated. Furniture usually satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

SPECIAL NOTE: Particular attention should be paid by the joiner to leaf sizes and the use of dimension A as shown on the opposite page.

EXAMPLE
QUANTITIES FOR A PARTITION 3.8m wide x 2.4m high. Weight of each leaf 30kg, Four-and-a-half leaves folding one way, half leaf hinged to a jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Track 2 x 1.8m</td>
<td>3.6 LIN M</td>
</tr>
<tr>
<td>B</td>
<td>Bracket, open, soffit fixing</td>
<td>5 NO.</td>
</tr>
<tr>
<td>C</td>
<td>Closed End Piece</td>
<td>1 PACK</td>
</tr>
<tr>
<td>D</td>
<td>Bracket, lock-joint, soffit fixing</td>
<td>1 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Bolts for brackets (by others)</td>
<td>12 NO.</td>
</tr>
<tr>
<td>F</td>
<td>Hangers two wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>G</td>
<td>Hangers four wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>H</td>
<td>Foldaside aluminium hinges S.A.A.</td>
<td>5 PACKS</td>
</tr>
<tr>
<td>J</td>
<td>Bottom guide</td>
<td>2 NO.</td>
</tr>
<tr>
<td>K</td>
<td>Floor channel aluminium d/c/sk</td>
<td>3.6 LIN M</td>
</tr>
<tr>
<td>L</td>
<td>Flush bolt S.A.A.</td>
<td>3 NO.</td>
</tr>
<tr>
<td>M</td>
<td>Flush handle S.C.</td>
<td>3 NO.</td>
</tr>
</tbody>
</table>

EXAMPLE
QUANTITIES FOR A PARTITION 3.8m wide x 2.4m high. Weight of each leaf 30kg, Four-and-a-half leaves folding one way, half leaf hinged to a jamb.
**Standard Track Lengths**

| 1.8 | 2.1 | 2.4 | 3.0 | METRES |

**Bracket Centres 600 to 900**

- Open Bracket
- Lock Joint Bracket
- Extra Bracket Where Doors Fold
- End Bracket

**Two Coach Screws**

- 3/8 dia. at 90 Centre

**Arrangement Bi-Parting Doors so that rotation swing into each other this is controlled by hinging half leaf right or left as required.**

**Removable Lining Both Sides**

- 2-15 Hanger
- 2-245 Hanger

**Vertical Adjustment**

- 1-14 dia hole
- 40 deep in top of door to accommodate pendant bolt

**Guides Must Be Plumb with Hangers**

**Bottom Channel Must Be Plumb with Top Track**

**Suggested Door Thickness**

**Section**

**Doors Arrangements**

- From 1/1 to 7/1 leaves one or both ways with or without swing leaves or sashes on opposite jaws
- 5 or 7 leaves 'floating' leaves

**DIM 'A'**

- Half thickness of door
- Offset of hinges

**Example: For 32 door =**

16 + 3 = 21

**Flush Handle without Swing Door**

- 2-245 Hanger
- 2 Wheel

**Flush Handle and Flush Bolt**

- 25 x 50 Foldside Hinges
- 3/4 x 30 Half Leaf

**Leaves Without Swing Door**

- 1/4, 3/4, 5/4, 7/4

**Leaves Including Swing Door**

- 1-1/2, 4-1/2, 6-1/2

**Leaves One or Both Ways**

- 2-1/2, 4-1/2, 6-1/2

**Flush Handle and Flush Bolt**

- 2-246 Hanger
- 4 Wheel
FOR TOP HUNG CENTRE FOLDING PARTITIONS

APPLICATION
Top hung, light duty, internal folding doors. For openings without rebated heads or cills. For residential application, etc.

RANGE
Track 3-20 3-25
Maximum door weight 60kg (130lb) 65kg (140lb)
Maximum door height 3.3m (11ft) 3.6m (12ft)
Maximum opening width Unlimited Unlimited
Maximum door leaf width 1.2m (4ft) 1.2m (4ft)

Up to 7½ leaves may be hinged together and loose suites of 5 and 7 leaves may be used with care.

DOOR CONSTRUCTION
Door thickness 44 to 55mm. Width of door leaves vary according to arrangements, refer to drawing for details. The half leaf is always hinged to jamb. With swing leaves on folding suites reduce door leaf widths to 800mm. Always engage holdback catch before operating.

FIXING
Track brackets usually soffit fixed. Universal soffit bracket designed for ease of fixing and versatility, additional brackets required where doors park when folded. All hangers have vertical adjustment. Floor channel unnecessary under swing leaves.

HANGERS
All steel, ball bearing, lubricated for life 3-245 with two wheels. 3-246 with four wheels.

TRACK
3-20 (2.0mm). 3-25 (2.5mm). Galvanised steel to BS EN 10142. Standard lengths 1.8m to 3.0m.

TRACK BRACKETS
Steel. See drawing and range on page 3.

DOOR GUIDES
44-345 Steel plate, brass roller.

FLOOR CHANNEL
44-1 Galvanised Steel. 44-2 Aluminium. 44-3 Brass. Drilled and countersunk for timber. Lengths 1.8m to 3.0m.

FOLDASIDE BUTT HINGES
95-524 Steel, size 102 x 67. 95-545 Aluminium, anodised with stainless washers and pins, size 102 x 67. All specially drilled.

FURNITURE
A range of door furniture is shown on page 5.

FINISHES
Top track galvanised. Aprons and brackets zinc plated. Furniture usually satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

EXAMPLE
QUANTITIES FOR A PARTITION 4.3mm wide x 2.9m high. Weight of each leaf 50kg. Five-and-a-half leaves folding one way, half section hinged to jamb.

A TYPICAL BILL OF QUANTITIES

| ITEM | TRACK 1 x 2.4m, 1 x 1.8m | 4.2 LIN.M | Bracket, open, soffit fixing | 6 NO. | Closed End Piece | 2 NO. | Bracket, lock-joint, soffit fixing | 1 NO. | Bolts for brackets (by others) | 14 NO. | Hangers two wheel | 2 NO. | Hangers four wheel | 1 NO. | Foldaside aluminium hinges S.A.A. | 6 PACKS | Bottom guide | 3 NO. | Floor channel aluminium d/c/sk 1 x 2.4m, 1 x 1.8m | 4.2 LIN.M | or Floor channel brass d/c/sk 1 x 2.4m, 1 x 1.8m | 4.2 LIN.M | Flush bolt S.A.A | 3 NO. | Flush handle S.C. | 3 NO. |
Centafold 644 Sliding & Folding Door Systems

FOR BOTTOM ROLLING CENTRE FOLDING PARTITIONS

APPLICATION
Bottom rolling internal folding doors. For openings without rebated heads or cills. For hospitals, schools, residences etc.

RANGE
Maximum door weight 60kg (130lb)
Maximum door height 3.6m (12ft)
Maximum open width 18m (59ft)
Maximum door leaf width 1.2m (4ft)

Up to 7½ leaves may be hinged together.

DOOR CONSTRUCTION
Door thickness 44mm only. Width of door leaves vary according to arrangements, refer to drawing for details. The half leaf is always hinged to jamb. With swing leaves on folding suites reduce door height to 3.0m, leaf width to 800mm and weight to 45kg. Always engage holdback catch before operating.

FIXING
Top track screwed to soffit. Bottom track screwed to accurately machined timber cill to provide complete support to the underside of the running tread without voids, and the cill be firmly fitted to prevent distortion or deflection. Floor track unnecessary under swing leaves.

BOTTOM ROLLERS
64-405 Needles bearing rollers, ball bearing swivels. Satin anodised aluminium cover plates, (or 64-406 with polished brass cover plates).

BOTTOM TRACK
64-3 Brass. Drilled and countersunk for wood. Lengths 1.8m to 3.0m.

TOP TRACK
7-20 (2.0m) Galvanised steel to BS EN 10142. Drilled and countersunk for wood. Lengths 1.8m to 3.0m.

TOP GUIDES
7-345 Nylon roller, steel plate.

FOLDASIDE BUTT HINGES
95-524 Steel, size 102 x 67. 95-545 SAA size 102 x 67mm. 95-553 PB size 100 x 66mm. All specially drilled.

FURNITURE
95-677 Flush bolt SAA, 95-670 Flush bolt GAA. 95-617 Flush handle SC, 95-615 Flush handle PB, 95-665 Holdback catch. For range of locks and latches see page 5.

FINISHES
Top track galvanised. Bottom roller cover plates in SAA or PB, handles and bolts in SAA or GAA.

SCREWS
Included with all fittings

SPECIAL NOTE: Particular attention should be paid by the joiner to leaf sizes and the reduction of the first leaf at the jamb by 25mm as shown on the opposite page.

EXAMPLE
QUANTITIES FOR A DOOR PARTITION 3.8m wide x 2.7m high. Weight of each leaf 50kg. Four-and-a-half leaves folding one way, half section hinged to a jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 7-20</td>
<td>Top track d/c/sk. 2 x 1.8m</td>
<td>3.6 LIN.M</td>
</tr>
<tr>
<td>B 7-345</td>
<td>Top guides</td>
<td>2 NO.</td>
</tr>
<tr>
<td>C 95-545</td>
<td>Foldaside aluminium hinges S.A.A.</td>
<td>5 PACKS</td>
</tr>
<tr>
<td>D 64-405</td>
<td>Bottom roller S.A.A. (or 64-406 PB)</td>
<td>2 NO.</td>
</tr>
<tr>
<td>E 64-3</td>
<td>Bottom track brass 2 x 1.8m</td>
<td>3.6 LIN.M</td>
</tr>
<tr>
<td>F 95-677</td>
<td>Flush bolt S.A.A.</td>
<td>2 NO.</td>
</tr>
<tr>
<td>G 95-617</td>
<td>Flush handle S.C.</td>
<td>3 NO.</td>
</tr>
</tbody>
</table>
FOR TOP HUNG FOLDING DOORS

APPLICATION
Top hung internal folding doors with backflap fittings.
Suitable for folding behind return walls and into rebated head. For hospitals, schools, offices etc.

RANGE
Maximum weight per door leaf 36kg (80lb)
Maximum door height 2.4m (8ft)
Maximum opening width Unlimited
Maximum door leaf width 800mm (2ft 8ins)

Up to 8 leaves may be hinged together in loose suites or hinged to jambs.

DOOR CONSTRUCTION
Door thickness 32 to 44mm. Width of door leaves vary according to arrangements, refer to drawings for details.
Swing leaves are best hinged to jambs. When hinged to folding suites, reduce door leaf widths to 700mm. Always engage holdback catch before operating.

FIXING
Side fixing standard. Additional brackets required where doors park when folded. Hangers and guides have vertical adjustment. Channel unnecessary under swing leaves.

HANGERS
Steel, ball bearing, lubricated for life. Pressed steel backflaps. 2-217 End pattern. 2-221 Centre pattern.

TRACK
2-16 (1.6mm). Galvanised steel to BS EN 10142. Standard lengths 1.8m to 3.0m.

TRACK BRACKETS
See drawing and range on page 3.

FOLDASIDE BUTT HINGES
Steel, 95-520 size 75 x 50mm and 95-526 size 100 x 75mm.
Aluminium, 95-541 size 75 x 50mm and 95-547 size 100 x 75mm. Aluminium hinges provided with stainless steel washers and pins. All specially drilled.

DOOR GUIDES

FLOOR CHANNEL
44-1 Galvanised Steel. 44-2 Aluminium. 44-3 Brass. Drilled and countersunk for wood or lugs for concrete. Lengths 1.8m to 3.0m.

FURNITURE
A range of furniture is shown on page 5

FINISHES
Top track galvanised, brackets and backflaps zinc plated. Furniture satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

EXAMPLE
QUANTITIES FOR A PARTITION 3.0m wide x 2.4m high. Weight of each leaf 34kg. Four leaves folding one way, end leaf hinged to jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>2-16</td>
<td>2-100</td>
<td>2-051</td>
<td>2-217</td>
<td>2-221</td>
<td>95-541</td>
<td>95-547</td>
<td>44-317</td>
<td>44-321</td>
<td>44-2</td>
<td>or K</td>
<td>95-677</td>
<td>95-617</td>
</tr>
<tr>
<td>Track 1 x 3.0m</td>
<td>Brackets, open, side wall fixing</td>
<td>Closed End Piece</td>
<td>Hanger end pattern</td>
<td>Hanger centre pattern</td>
<td>Foldside aluminium hinges S.A.A</td>
<td>Foldside aluminium hinges S.A.A</td>
<td>Bottom guide end pattern</td>
<td>Bottom guide centre pattern</td>
<td>Floor channel, aluminium 1 x 3.0m</td>
<td>Floor channel, brass 1 x 3.0m</td>
<td>Flush bolt S.A.A</td>
<td>Flush handle S.C</td>
<td></td>
</tr>
<tr>
<td>LIN M</td>
<td>NO.</td>
<td>PACK</td>
<td>NO.</td>
<td>NO.</td>
<td>PACKS</td>
<td>PACKS</td>
<td>NO.</td>
<td>NO.</td>
<td>LIN.M</td>
<td>LIN.M</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
FOR TOP HUNG FOLDING DOORS

APPLICATION
Top hung internal folding doors with backflap fittings. Suitable for folding behind return walls and into rebated head. For hospitals, schools, offices etc.

RANGE
Track size 3-20 3-25
Maximum weight per door leaf 50kg (110lb) 55kg (120lb)
Maximum door height 3.3m (11ft) 3.6m (12ft)
Maximum opening width Unlimited Unlimited
Maximum door leaf width 900mm (3ft) 900mm (3ft)

Up to 8 leaves may be hinged together in loose suites or hinged to jambs.

DOOR CONSTRUCTION
Door thickness 44 to 55mm. Width of door leaves vary according to arrangements, refer to drawings for details. Swing leaves are best hinged to jambs. When hinged to folding suites reduce door leaf widths to 800mm. Always engage holdback catch before operating.

FIXING
Side fixing standard. Additional brackets required where doors park when folded. Hangers and guides have vertical adjustment. Channel unnecessary under swing leaves.

HANGERS
Steel, ball bearing, lubricated for life. Pressed steel backflaps 3-217 End pattern. 3-221 Centre pattern.

TRACK
3-20 (2.0mm), 3-25 (2.5mm). Galvanized steel to BS EN 10142. Standard lengths 1.8m to 6.0m.

TRACK BRACKETS
See drawing and range on page 3.

FOLDASIDE BUTT HINGES
Steel, 95-524 size 102 x 67, 95-526 size 100 x 75 and 95-530 size 100 x 100. Aluminium anodised with stainless washers and pins. 95-545 size 102 x 67 and 95-547 size 100 x 75. Brass, 95-551 size 100 x 100. Satin chrome. All specially drilled.

DOOR GUIDES
Brass rollers. Pressed steel backflaps 44-317 End pattern. 44-321 Centre pattern.

FLOOR CHANNEL
44-1 Galvanised Steel. 44-2 Aluminium, 44-3 Brass. Drilled and countersunk for wood or lugs for concrete. Lengths 1.8m to 3.0m.

FINISHES
A range of furniture is shown on page 5.

FINISHES
Top track galvanised, brackets and backflaps zinc plated. Furniture satin anodised.

BOLTS AND SCREWS
Included with all fittings except track brackets.

EXAMPLE
QUANTITIES FOR A PARTITION 3.6m wide x 3.3m high. Weight at each leaf 48kg. Four leaves folding one way, end leaf hinged to jamb.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>A 3-20 Track 2 x 1.8m</th>
<th>3.6 LIN.M</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>3-100 Brackets, open, side wall fixing</td>
<td>6 NO.</td>
</tr>
<tr>
<td>C</td>
<td>3-051 Closed end piece</td>
<td>2 NO.</td>
</tr>
<tr>
<td>D</td>
<td>3-002 Lock joint plate</td>
<td>1 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Bolts for brackets (by others)</td>
<td>6 NO.</td>
</tr>
<tr>
<td>F</td>
<td>3-217 Hanger end pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>G</td>
<td>3-221 Hanger centre pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>H</td>
<td>95-545 Foldaside aluminium hinges S.A.A.</td>
<td>2 PACKS</td>
</tr>
<tr>
<td>J</td>
<td>95-547 Foldaside aluminium hinges S.A.A.</td>
<td>1 PACK</td>
</tr>
<tr>
<td>K</td>
<td>95-551 Foldaside brass hinges S.C.</td>
<td>1 PACK</td>
</tr>
<tr>
<td>L</td>
<td>44-317 Bottom guide end pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>M</td>
<td>44-321 Bottom guide centre pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>N</td>
<td>44-2 Floor channel, aluminium 2 x 1.8m</td>
<td>3.6 LIN.M</td>
</tr>
<tr>
<td></td>
<td>or N 44-3 Floor channel, brass 2 x 1.8m</td>
<td>3.6 LIN.M</td>
</tr>
<tr>
<td>O</td>
<td>95-677 Flush bolt S.A.A.</td>
<td>2 NO.</td>
</tr>
<tr>
<td>P</td>
<td>95-617 Flush handle S.C.</td>
<td>3 NO.</td>
</tr>
</tbody>
</table>
Hillaldam Coburn has a history of commitment to quality and technical developments. Products are always produced to the appropriate British Standards and the company was one of the first in the industry to have operating procedures approved under BS EN ISO 9001.

Constant testing ensures that quality is maintained and a programme of product improvement is regularly reviewed and updated. The company is an active member of the Association of Builders’ Hardware Manufacturers. Today Hillaldam Coburn is proud to remain in the forefront of the industry as we take a leading role in working with the British Standards Institute to develop the new European standards (CEN). The following range of literature is available on request:

**SLIDING DOOR GEAR**
- Glassmaster 100
- Straightway Door Gear
- Foldaside & Cornaway
- Interior Sliding Systems
- Centafold & Foldaside
- The Buyers Guide
- Supplementary Door Gears
- HIDEAWAY™ Pocket Door Kit

**OTHER COBURN PRODUCTS**
- Automatic Operators
- Movable Walls & Partitions
- GLIDEMASTER™ Sliding Closures

Hillaldam Coburn Ltd. also offers an extensive range of Acoustic products for walls and floors through its subsidiary, Trim Acoustics. Comprehensive literature is available on request.

The company reserves the right from time to time to make such alterations in design and manufacture as they consider necessary without notice. Drawings, specifications, illustrations, tables and other details are not binding in detail. Conditions of sale are as those published on the Company’s tender forms.