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" suites 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" suites 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.

Index

<table>
<thead>
<tr>
<th>FOLDASIDE SLIDING DOOR SYSTEMS FOR END HUNG FOLDING PARTITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Door Height</td>
</tr>
<tr>
<td>m</td>
</tr>
<tr>
<td>2.5</td>
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<td>2.4</td>
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<td>2.4</td>
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<table>
<thead>
<tr>
<th>CENTAFOLD SLIDING DOOR SYSTEMS FOR CENTRE HUNG FOLDING PARTITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Door Height</td>
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<tr>
<td>3.6</td>
</tr>
<tr>
<td>3.6</td>
</tr>
</tbody>
</table>

*Bottom rolling systems where weight of doors is carried on bottom track.
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</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>H Bolt Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<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>
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<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>
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<tbody>
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<td>mm</td>
<td>mm</td>
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<td>mm</td>
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<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>94</td>
<td>58</td>
<td>57</td>
<td>115</td>
<td>10</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></td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<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.
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 95-648 Mortice Latch**
- **Minimum Door Thickness 38mm S.A.A.**
- **95-631**
- **Flush Ring Handle**

**Aluminium Cast**
- **120 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**
- **95-667**
- **Mortice Latch**

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

**Brass Bolt and Forend**
- **3 Levers, Flat Forend**
- **152 x 25mm**
- **Steel Case**
- **Depth 64mm, Height 100mm, Thickness 14mm**
- **Backset 44mm**
- **Keyhole/Follower Centres 57mm**
- **95-646**
- **Mortice Lock**

**Brass Bolt and Forend**
- **3 Levers, Half Rebated Forend**
- **120 x 30 x 13mm, Steel**
- **Case, Depth 50mm, Height 70mm, Thickness 14mm**
- **Backset 57mm**
- **Keyhole/Follower Centres 57mm**
- **95-647**
- **Rebated Mortice Lock**

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

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

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

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

**Steel Butt Hinges**
- **Bright Finish**
- **95-520 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, louvre 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>Foldside 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</td>
<td>1 x 1.8m 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.

SECTION

2. 4, 6 OR 8 LEAVES
ONE OR BOTH-WAYS

3. 5 OR 7 LEAVES ONE WAY

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

FLUSH HANDLE FLUSH BOLT

DOOR ARRANGEMENTS FROM 2 TO 9 LEAVES ONE WAY, WITH OR WITHOUT SIRING LEAF ON OPPOSITE JAMBS FROM 2 TO 6 LEAVES BOTH WAYS, FROM 2 TO 6 LEAVES ONE OR BOTH WAYS ON PIVOTS.
FOR TOP HUNG END FOLDING PARTITIONS

APPLICATION
Top hung. internal folding doors with concealed fittings. For hospitals, schools, private residences 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 be 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 jambs. 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>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3-20 Track 1 x 3.0m</td>
<td>3.0 LIN.M</td>
</tr>
<tr>
<td>B</td>
<td>3-150 Bracket, open, soffit 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>Bolts for brackets (by others)</td>
<td>12 NO.</td>
</tr>
<tr>
<td>E</td>
<td>3-240 Hangers, 2 wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>F</td>
<td>3-241 Hangers, 4 wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>G</td>
<td>95-545 Foldside aluminium hinges S.A.A</td>
<td>5 PACKS</td>
</tr>
<tr>
<td>H</td>
<td>44-340 Roller guide</td>
<td>2 NO.</td>
</tr>
<tr>
<td>J</td>
<td>44-2 Floor channel aluminium d/c/sk</td>
<td>1 x 3.0m</td>
</tr>
<tr>
<td></td>
<td>or J 44-3 Floor channel brass d/c/sk 1 x 3.0m</td>
<td>3.0 LIN.M</td>
</tr>
<tr>
<td>K</td>
<td>95-677 Flush bolts S.A.A</td>
<td>2 NO.</td>
</tr>
<tr>
<td>L</td>
<td>95-617 Flush handles S.C.</td>
<td>5 NO.</td>
</tr>
<tr>
<td>M</td>
<td>95-668 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.
Foldaside 640 Sliding & Folding Door Systems

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.

A TYPICAL BILL OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNITS</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>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 95-545</td>
<td>Foldaside aluminium hinges S.A.A. 2 PACKS</td>
<td></td>
</tr>
<tr>
<td>B 95-551</td>
<td>Foldaside brass hinges S.C. 1 PACK</td>
<td></td>
</tr>
<tr>
<td>C 64-403</td>
<td>Bottom roller S.A.A. cover plate 1 NO. (or 64-404 PB)</td>
<td></td>
</tr>
<tr>
<td>D 64-3</td>
<td>Bottom track brass d/c/sk 1 x 1.8m 1.8 LIN.M</td>
<td></td>
</tr>
<tr>
<td>E 95-665</td>
<td>Holdback catch 1 NO.</td>
<td></td>
</tr>
<tr>
<td>F 95-677</td>
<td>Flush bolt, plain S.A.A. 1 NO.</td>
<td></td>
</tr>
<tr>
<td>G 95-679</td>
<td>Flush bolt, cranked S.A.A. 1 NO.</td>
<td></td>
</tr>
<tr>
<td>H 95-617</td>
<td>Flush handle S.C. 1 NO.</td>
<td></td>
</tr>
<tr>
<td>J 95-633</td>
<td>Flush ring handles satin chrome 2 NO.</td>
<td></td>
</tr>
<tr>
<td>K 95-646</td>
<td>Mortice lock 1 NO.</td>
<td></td>
</tr>
</tbody>
</table>

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.
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.

1/2 or 3/2 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.

CENTAFOIL 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.
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

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>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUANTITIES FOR A PARTITION</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 2-16 Track 2 x 1.8m</td>
<td>3.6 LIN.M</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B 2-150 Bracket, open, soffit fixing</td>
<td>5 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C 2-051 Closed End Piece</td>
<td>1 PACK</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D 2-152 Bracket, lock-joint, soffit fixing</td>
<td>1 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Bolts for brackets (by others)</td>
<td>12 NO.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F 2-245 Hangers two wheel</td>
<td>1 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G 2-246 Hangers four wheel</td>
<td>1 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 95-541 Foldaside aluminium hinges S.A.A.</td>
<td>5 PACKS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J 41-345 Bottom guide</td>
<td>2 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K 41-2 Floor channel aluminium d/c/sk 2 x 1.8m</td>
<td>3.6 LIN.M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>L 95-675 Flush bolt S.A.A.</td>
<td>3 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 95-617 Flush handle S.C.</td>
<td>3 NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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.
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

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3-20 Track 1 x 2.4m, 1 x 1.8m</td>
<td>4.2 LIN.M</td>
</tr>
<tr>
<td>B</td>
<td>3-150 Bracket, open, soffit 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>3-152 Bracket, lock-joint, soffit fixing</td>
<td>1 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Bolts for brackets (by others)</td>
<td>14 NO.</td>
</tr>
<tr>
<td>F</td>
<td>3-245 Hangers two wheel</td>
<td>2 NO.</td>
</tr>
<tr>
<td>G</td>
<td>3-246 Hangers four wheel</td>
<td>1 NO.</td>
</tr>
<tr>
<td>H</td>
<td>95-545 Foldaside aluminium hinges S.A.A.</td>
<td>6 PACKS</td>
</tr>
<tr>
<td>J</td>
<td>44-345 Bottom guide</td>
<td>3 NO.</td>
</tr>
<tr>
<td>K</td>
<td>44-2 Floor channel aluminium d/c/sk</td>
<td>4.2 LIN.M</td>
</tr>
<tr>
<td>or K</td>
<td>44-3 Floor channel brass d/c/sk</td>
<td>4.2 LIN.M</td>
</tr>
<tr>
<td>L</td>
<td>95-677 Flush bolt S.A.A</td>
<td>3 NO.</td>
</tr>
<tr>
<td>M</td>
<td>95-617 Flush handle S.C.</td>
<td>3 NO.</td>
</tr>
</tbody>
</table>
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.
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.

FOLDSIDE 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.

FINISHES
- Track: 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>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>Brackets, open, side wall fixing</td>
<td>6 NO.</td>
</tr>
<tr>
<td>C</td>
<td>Closed End Piece</td>
<td>1 PACK</td>
</tr>
<tr>
<td>D</td>
<td>Hanger end pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>E</td>
<td>Hanger centre pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>F</td>
<td>Foldside aluminium hinges S.A.A.</td>
<td>2 PACKS</td>
</tr>
<tr>
<td>G</td>
<td>Foldside aluminium hinges S.A.A.</td>
<td>2 PACKS</td>
</tr>
<tr>
<td>H</td>
<td>Bottom guide end pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>I</td>
<td>Bottom guide centre pattern</td>
<td>1 NO.</td>
</tr>
<tr>
<td>J</td>
<td>Floor channel, aluminium 1 x 3.0m</td>
<td>3.0 LIN M</td>
</tr>
<tr>
<td>or K</td>
<td>Floor channel, brass 1 x 3.0m</td>
<td>3.0 LIN M</td>
</tr>
<tr>
<td>L</td>
<td>Flush bolt S.A.A.</td>
<td>2 NO.</td>
</tr>
<tr>
<td>M</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
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). Galvanised 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.

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.
STANDARD TRACK LENGTHS

<table>
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<tr>
<th>Length (m)</th>
<th>1.8</th>
<th>2.1</th>
<th>2.4</th>
<th>3.0</th>
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</table>

BRACKET CENTRES 500 TO 900

END BRACKET
OPEN BRACKET
LOCK JOINT BRACKET

EXTRA BRACKETS WHERE DOORS FOLD

MINIMUM THICKNESS FOR DOORS FOLDING BEHIND REVEAL

3-221 HANGER
2 WHEEL
100 x 75
90547 FOLDASIDE HINGES
44-321 GUIDE

90501
130 x 100
FOLDASIDE HINGES

3, 5 OR 7 LEAVES ONE OR BOTH WAYS

FLUSH HANDLE
HOLDHACK CATCH
IF THIS LEAF FOLDS TO JAMB OMIT ADJUTANT

3-301 HANGER
2 WHEEL
100 x 75
90567 FOLDASIDE HINGES
44-301 GUIDE

3-271 HANGER
2 WHEEL
100 x 75
90547 FOLDASIDE HINGES
44-321 GUIDE

2-271 HANGER
2 WHEEL
90547 FOLDASIDE HINGES
44-321 GUIDE

FLUSH HANDLE AND FLUSH BOLT

DOOR ARRANGEMENTS FROM 2 TO 8 LEAVES ONE WAY WITH OR WITHOUT SWING LEAF ON OPPOSITE JAMB FROM 2 TO 8 LEAVES BOTH WAYS 4, 6 OR 8 LEAVES 'FLOATING' ONE WAY

4, 6 OR 8 LEAVES 'FLOATING' ONE WAY WITH SWING LEAF ON OPPOSITE JAMB

FLUSH HANDLE WITH ROLLER CATCH OR FLUSH RING HANGLES WITH MORTICE LOCK

MEETING JOINT

100 x 100
FOLDASIDE HINGES

FLUSH HANDLE AND FLUSH BOLT

SECTION

CHANNEL
44-1 STEEL
25 x 25
44-2 ALUMINIUM
25 x 25
44-3 BRASS
22 x 22

DOORS MUST BE FLUSH WITH TOP TRACK

44-317 END GUIDE
44-321 CENTRE GUIDE

44 SUGGESTED

MINIMUM
MAXIMUM

DOOR WOULD FOUL JAMB IF EXCEEDED

STOP TO PREVENT HANGER STRIKING JAMB

102 x 67 FOLDASIDE HINGES

102 x 67 FOLDASIDE HINGES

102 x 67 FOLDASIDE HINGES
Hillaldam Coburn has a history of commitment to quality and technical developments. Products are always manufactured 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 following range of literature is available on request:

**SLIDING DOOR GEAR**
- External Foldaside and Cornaway Systems
- Façade
- Fire Rated Straightaway 320
- Flat Track
- Glassmaster Base 150
- Hideaway Protek Complete Range
- Interior Sliding and Folding Solutions
- Internal Foldaside and CentaFold Systems
- Stainless Steel Systems
- Straightaway 250
- Straightaway Door Gear (Internal and External)
- The Buyers Guide

**OTHER COBURN PRODUCTS**
- Dictator Range of products
- Door Furniture Data Sheet
- Folding Fabric Partitions
- Movable Walls
- Rediframe® Steel Door Frame

**ALSO AVAILABLE**
- Hillaldam Coburn Corporate Brochure
- Quote Form