

## APPLICATION

- ▶ Suitable for end or centre folding partitions in commercial or public buildings where weight has to be taken at floor level.
- ▶ Two or three leaf end folding units can fold 180 degrees. Consult the Technical Department of Henderson RMD.
- ▶ Leaves can fold to one or both sides of the opening and end folding leaves can be stacked behind a reveal if required.
- ▶ This high quality bottom roller hardware is ideally suited to high class joinery installations.
- ▶ To cover any width of opening, any number of folding units can be used.

## DOOR SPECIFICATION

Rail System:	Rollfold 70 End folding	Rollfold 70 Centre folding
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For Individual Leaves:

Max Leaf Height	3600mm	3600mm
Max Leaf Weight	70kg	70kg
Max Leaf Width	900mm	1000mm
Leaf Thickness	44mm	44mm

End folding units consist of four, six or eight leaves and can be hinged to a post.

End folding floating units consist of six or eight leaves.

Centre folding units of up to seven full leaves and one half leaf can be hinged to a post.

Centre folding floating units consist of five or seven full leaves, never three leaves.

Access should be through either a separate door hinged to a post or a door hinged in one of the folding leaves.

Instruction on leaf width calculation is shown overleaf.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fitting for bottom rollers, hinges and top guide rollers and can be flush, panelled or glazed. Minimum 200mm bottom rails are recommended. On end folding the stiles should be a minimum of 125mm.

## HARDWARE SPECIFICATION

<b>Top Guide Channel:</b>	900 with safety lip	
Materials	Galvanised steel	
Standard lengths	2000mm, 3000mm and 4000mm	

### Top Guide Brackets:

Soffit fitted	3/900	Pressed steel zinc plated
Face fitted	1/900	Pressed steel zinc plated

Fit at 900mm maximum centres.

Fit additional bracket where folding units stack and at the ends of the top guide channel.

### Top Guide Rollers:-

901/919H

Top guide rollers are fitted with adjustable nylon rollers.

Vertical adjustment is simple and positive.

Plates - brass in satin chrome finish.

For lighter leaves select 901/919L for end folding or 901/909L for centre folding.

Concealed plate, not adjustable.

Steel components zinc plated.

<b>Bottom Rollers:</b>	920	Satin anodised aluminium side plates
	923	Concealed

Bottom rollers supported on thrust bearings.

### Hinge:

Butt hinge 100x55 403/2

Aluminium butt hinge in satin anodised finish.

On leaves up to 3000mm high fit 3 hinges, above 3000mm fit 4 hinges.

**Rail:** 918 Brass

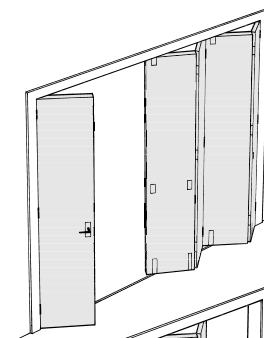
Standard lengths 2000mm, 3000mm and 4000mm.

Pre-drilled and countersunk for screwing to timber floor or attaching to lugs 918L when installing in concrete floor.

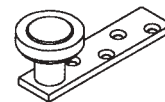
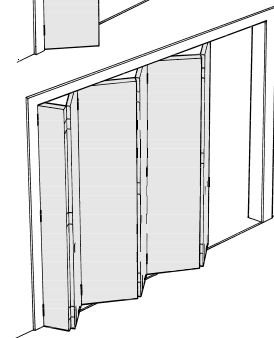
**Accessories:** Flush Pulls and Flush Bolts.

Aluminium in satin anodised finish.

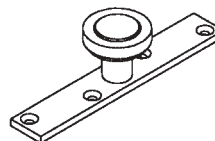
End Folding Partition



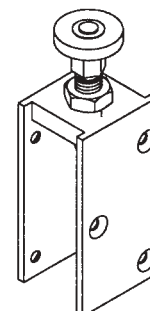
Centre Folding Partition



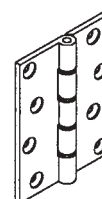
No. 901/919L Top Guide Roller



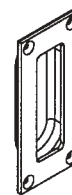
No. 901/919L Top Guide Roller



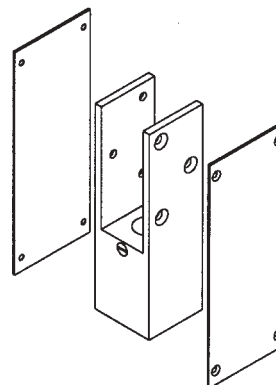
No. 901/919H Top Guide Roller



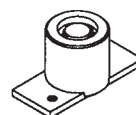
No. 403/2 Butt Hinge



No. 400 Flush Bolt  
108 x 41 with  
17 mortise



No. 920 Bottom Roller



No. 923 Bottom Roller



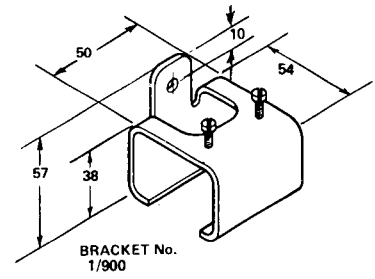
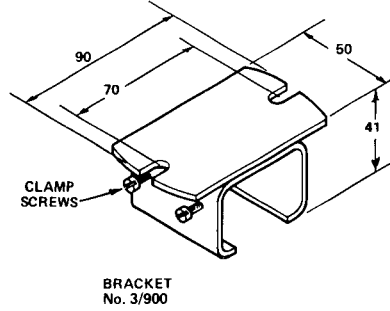
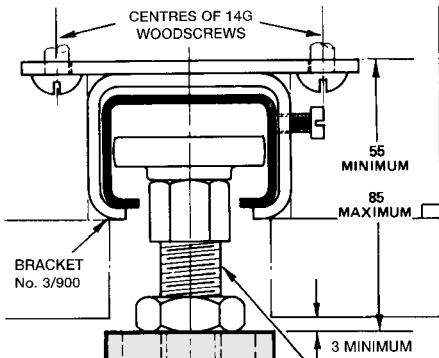
No. 454 Flush Bolt  
190 x 41 with 8 mortise

# Rollfold 70

FOR BOTTOM ROLLER INTERIOR FOLDING PARTITIONS, MAX. 70kg EACH LEAF

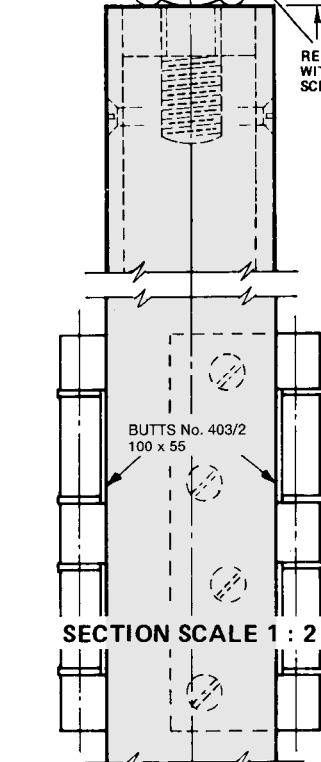
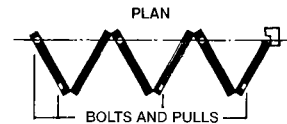
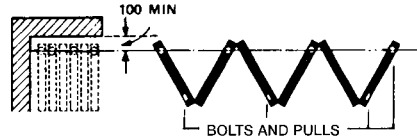
# HENDERSON®

SLIDING & FOLDING DOOR HARDWARE  
AUSTRALIA'S WIDEST RANGE



RECOMMENDED TOP GUIDE ROLLER No. 901/919H WITH VERTICAL ADJUSTMENT FOR HIGH OR WIDE SCREENS (APRON SIZE 127 x 57)

## END FOLDING PARTITIONS



FORMULA FOR LEAF WIDTH CALCULATION.  
LEAF WIDTH CALCULATIONS ARE TO THE CENTRELINE OF THE HINGE PINS.  
IF THE LEAVES ARE TO BE REBATED, ADD THE WIDTH OF THE REBATE TO THE LEAF WIDTH CALCULATION. NOTE THAT THE REBATES ARE ON THE SAME FACE OF THE LEAF.

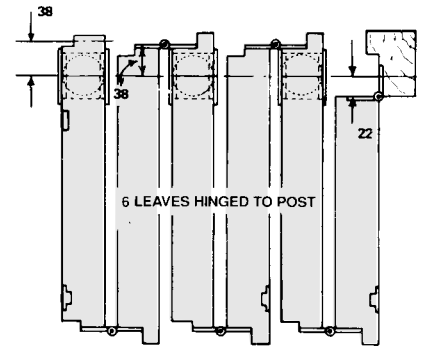
END FOLDING LEAVES - ALL LEAVES ARE THE SAME WIDTH EXCEPT FOR A LEAF HINGED TO A POST WHICH IS 60MM LESS (HALF LEAF THICKNESS PLUS 38MM)

CENTRE FOLDING LEAVES - ALL FULL LEAVES ARE THE SAME WIDTH. THE HALF LEAF IS HALF THE WIDTH OF A FULL LEAF, LESS 22MM (HALF THE LEAF THICKNESS).  
EXAMPLE FOR CENTRE FOLDING UNIT. OPENING WIDTH, POST TO POST 4994MM. NUMBER OF LEAVES, FIVE AND A HALF.

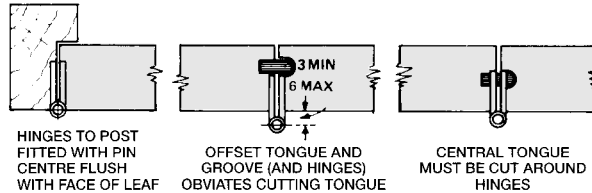
$4994 \div 2 + 22$  (HALF LEAF THICKNESS)  $\div 5.5 = 912$  FOR WIDTH OF FULL LEAVES.

$912 \div 2 = 456 - 22 = 434$  FOR WIDTH OF HALF LEAF.

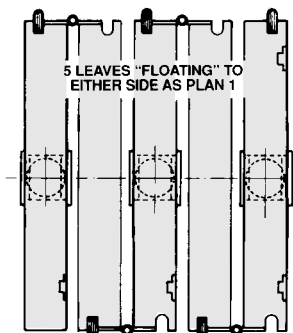
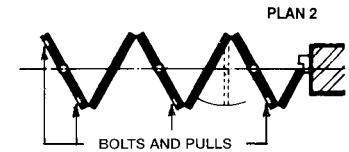
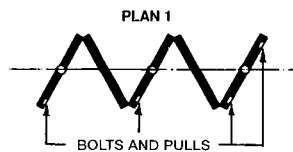
DEDUCT 2 FROM ABOVE LEAF WIDTHS FOR CLEARANCES.



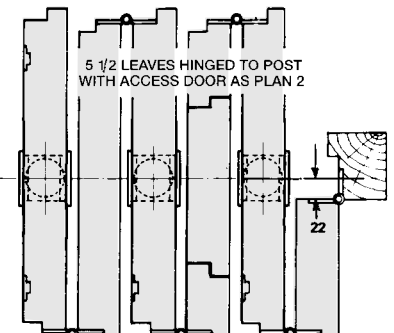
IF REBATING IS PREFERRED IT MUST BE TO LAYOUT ABOVE WITH THE REBATES ON THE SAME FACE OF EACH LEAF



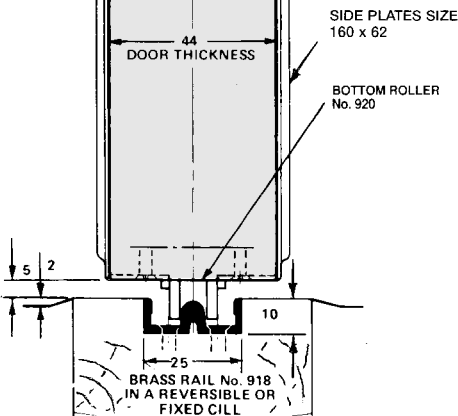
## CENTRE FOLDING PARTITIONS



TONGUE AND GROOVE JOINTS WITH HARDWOOD TONGUES ARE RECOMMENDED



IF REBATING IS PREFERRED IT MUST BE TO LAYOUT ABOVE WITH THE REBATES ON THE SAME FACE OF EACH LEAF



## HENDERSON RMD

Door Hardware Division of  
RMD PRESS CO. PTY LTD.

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