

TANGENT FOLDING DELUXE 301

EACH DOOR WEIGHT MAX 35 kg or 70 kg

APPLICATION

- ▶ For residential and commercial folding partitions where weatherproofing to the head and sill of the opening may be required.
- ▶ All visible Tangent Folding Deluxe fittings are buffed to a satin finish and lacquered.
- ▶ To accommodate different building designs leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- ▶ To cover any width of opening, any number of folding units can be used.
- ▶ Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

	301	301H
For individual leaves:		
Max Leaf Height	3300mm	3600mm
Max Leaf Weight	55 kg	70 kg
Max Leaf Width	900mm	900mm
Door Thickness	45-55mm	45-55mm

Folding units of up to eight leaves can be hinged to post or free-floating. A swinging access door can be included within a unit hinged to post under 3000mm high by incorporating an odd number of leaves. On openings above 3000mm high, units should consist of an even number of leaves and access doors should either be a separate independent swing door or a wicket door in one of the folding leaves.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track: 301 (2mm thickness) or 301H (3mm thickness)
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm

Brackets:
 face fixing 1A/301 aluminium alloy pressure die casting
 soffit fixing 3A/301 aluminium alloy pressure die casting
 Brackets for special applications are available (see overleaf).
 Fix at 900mm centres (maximum).
 Fix additional bracket where folding units stack.

Hangers:
 Intermediate hangers: 62A/P
 End hanger: 63A/P
 Aluminium hinge parts are buffed to a satin finish and lacquered.
 Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings.
 Vertical adjustment is simple and positive.

Guides:
 Intermediate guide: 67/94P
 End guide: 68/94P
 Aluminium hinge parts are buffed to a satin finish and lacquered.

Hinges: 403/3 butt hinge
 403/2 butt hinge
 On leaves up to 3300mm high fit 3 hinges, leaves above 3300mm fit 4 hinges.

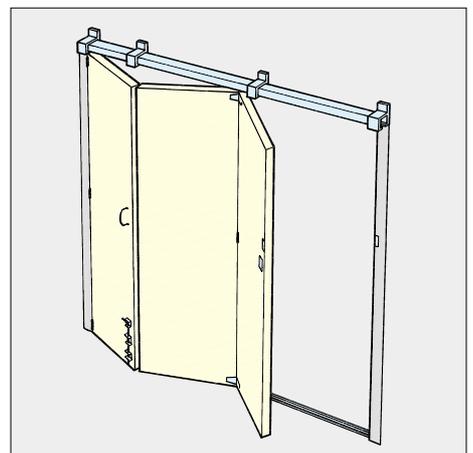
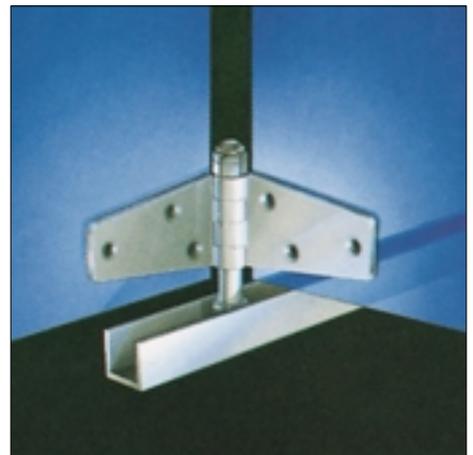
All steel parts to hangers and guides are electro-zinc plated.

Channel: 94X aluminium
 94 brass

Standard lengths of aluminium channel correspond with standard track lengths, standard lengths of brass channel are 1500mm and 3000mm. Pre-drilled and countersunk for wood or lugging into concrete.

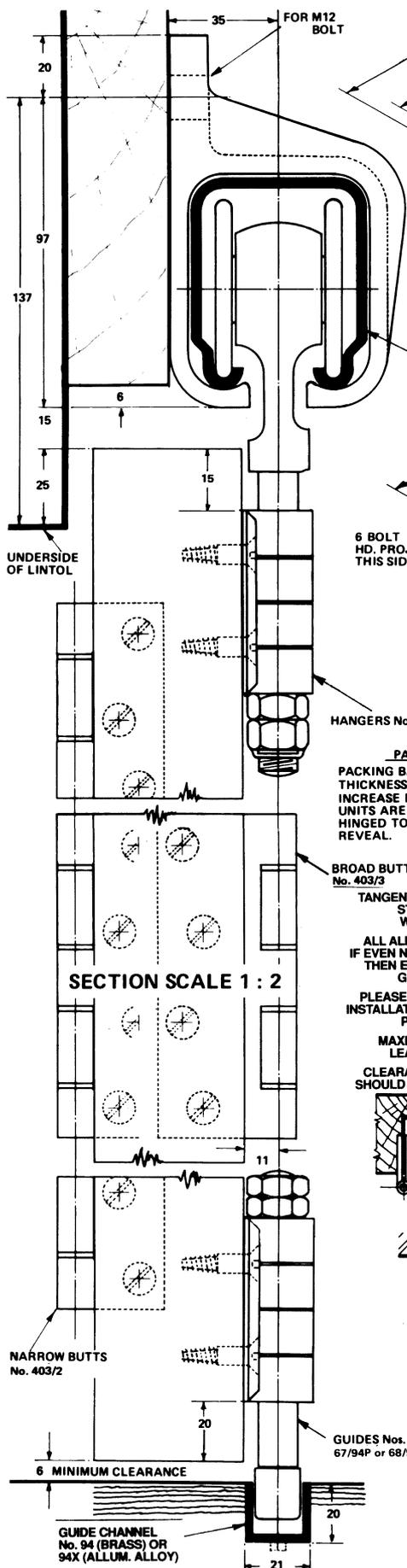
Accessories: Flush Pulls, Flush Bolts and Locks.

EXTERNAL FOLDING DOORS TOP HUNG TIMBER OR METAL DOORS

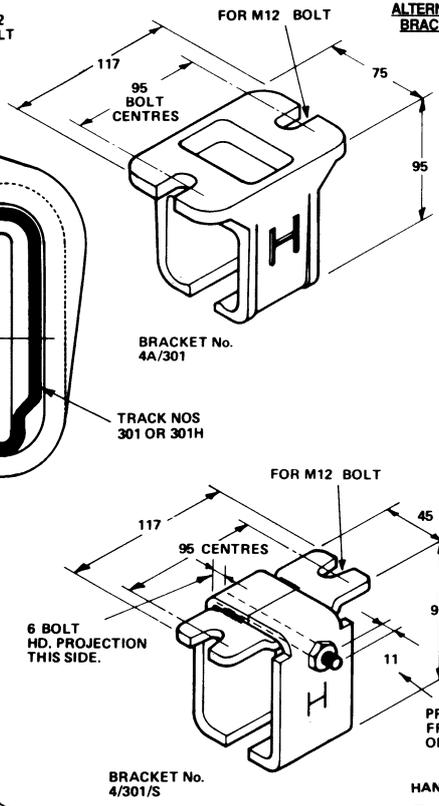


Standard Application

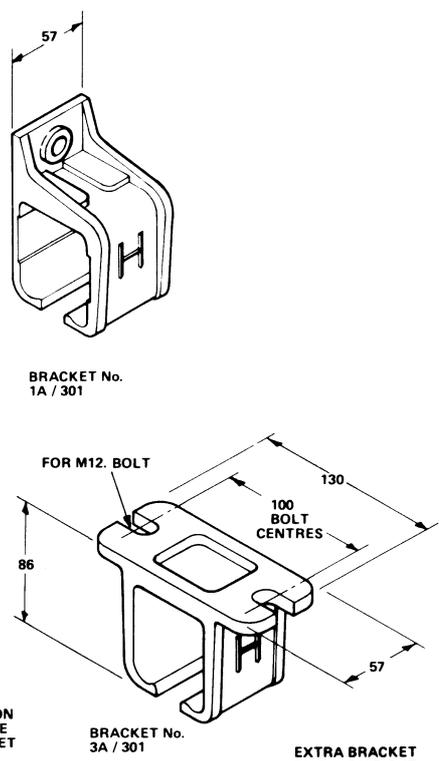
TANGENT FOLDING DELUXE 301



SECTION SCALE 1 : 2

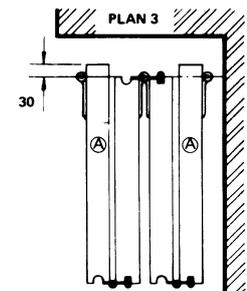
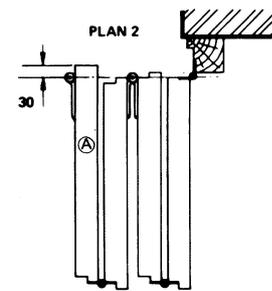
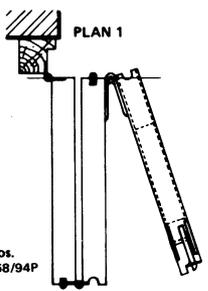
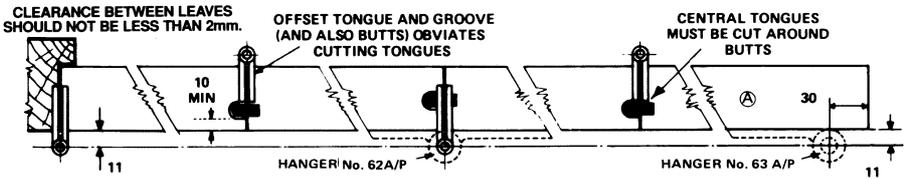
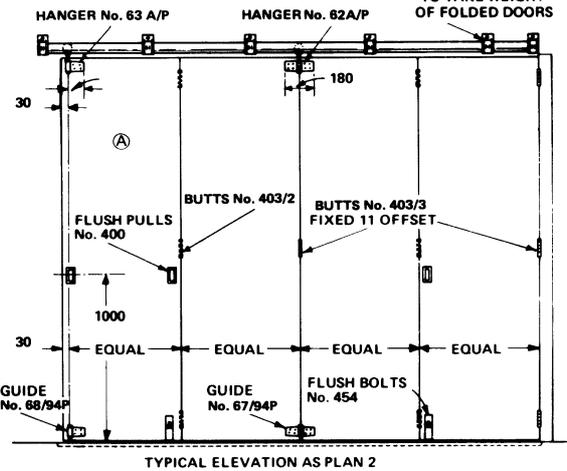


ALTERNATIVE BRACKETS



PACKING BATTEN REQUIREMENTS
 PACKING BATTEN IS 16 LESS THAN DOOR THICKNESS, WHEN USING 1A/301 BRACKETS AND INCREASE BATTEN BY 6 WHERE FLOATING UNITS ARE REQUIRED, OR WHERE UNIT IS HINGED TO A POST SET BACK BEHIND A DEEP REVEAL.

BROAD BUTTS No. 403/3
 TANGENT FOLDING 301 AND 301H STANDARD DELUXE WIDTH OF LEAVES:
 ALL ALIKE WITH END SWINGER, IF EVEN No. OF LEAVES IN ONE UNIT THEN END LEAF/LEAVES TO BE GREATER BY 30mm.
 PLEASE REFER TO JOINERY AND INSTALLATION DETAIL FOR WEATHER PROOFING DETAIL.
 MAXIMUM RECOMMENDED LEAF WIDTH IS 900mm.



TONGUE AND GROOVE JOINTS THESE JOINTS, WITH HARDWOOD TONGUES ARE RECOMMENDED
 REBATED JOINTS IF REBATING IS PREFERRED IT MUST BE TO LAYOUT ABOVE