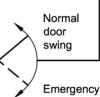
## Royde & Tucker H131-400 HI-LOAD pivot set

86 x 20Wide PIVOT CENTRES MUST BE IN 10 LINE TO ENSURE SAFE AND CORRECT OPERATION 35 FRAME R12.5 3 DOOR Varies See notes below 10 U'SIDE OF DOOR TO U'SIDE OF BKT 80 See notes below 32 2

- Grade 304 stainless steel
- Maintenance free, guaranteed for 25 years
- Suitable for FD30 and FD60 doors, to BS 476 for both single and double door applications
- Allows the door to swing in either direction
- \*For 44mm non FR doors an R9 radius is required on the pivot edge with a 4mm door and frame gap
- \*For 44mm thick Fire doors an R15 radius is required on the pivot edge as only a 3mm gap is permitted between the door and frame.
- \*For 54mm thick Fire doors an R20 radius is required on the pivot edge as only a 3.5mm gap is permitted between the door and frame.
- Medium duty for internal doors weighing up to 80kg when floor mounted and up to 1100mm wide when jamb mounted
- Top and bottom door plates have HI-LOAD maintenance free oil impregnated bronze bearings **Royde & Tucker Ltd**
- Set includes door bottom pivot, top centre, door brackets and M5 x 30mm screws
- For adjustable unit see H131-450

Note: Door plates radii R12.5 for easier preparation

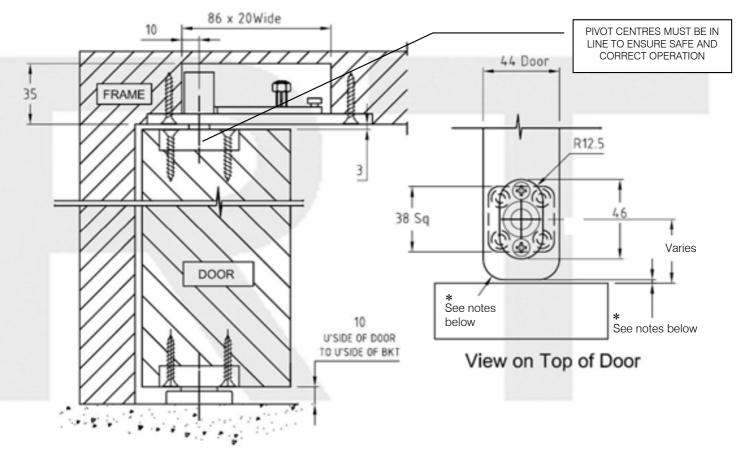
**Bilton Road** Cadwell lane Hitchin SG4 0SB Tel:01462 444444 Fax:01462 444433 www.ratman.co.uk



door swing



## Royde & Tucker H131-402 HI-LOAD pivot set



- Grade 304 stainless steel
- Allows the door to swing in either direction
- Maintenance free, guaranteed for 25 years
- Suitable for FD30 and FD60 doors, to BS 476 for both single and double door applications
- \*For 44mm non FR doors an R9 radius is required on the pivot edge with a 4mm door and frame gap
- \*For 44mm thick Fire doors an R15 radius is required on the pivot edge as only a 3mm gap is permitted between the door and frame.
- \*For 54mm thick Fire doors an R20 radius is required on the pivot edge as only a 3.5mm gap is permitted between the door and frame.
- Bottom bracket is floor mounted and doesn't protrude beyond the doors face
- Medium duty for internal doors weighing up to 80kg and up to 1100mm wide
- Top and bottom door plates have HI-LOAD maintenance free oil impregnated bronze bearings
- Set includes door bottom pivot, top centre, door brackets and M5 x 30mm screws
- For adjustable unit see H131-452
- Note: Door plates radiused R12.5 for easier preparation

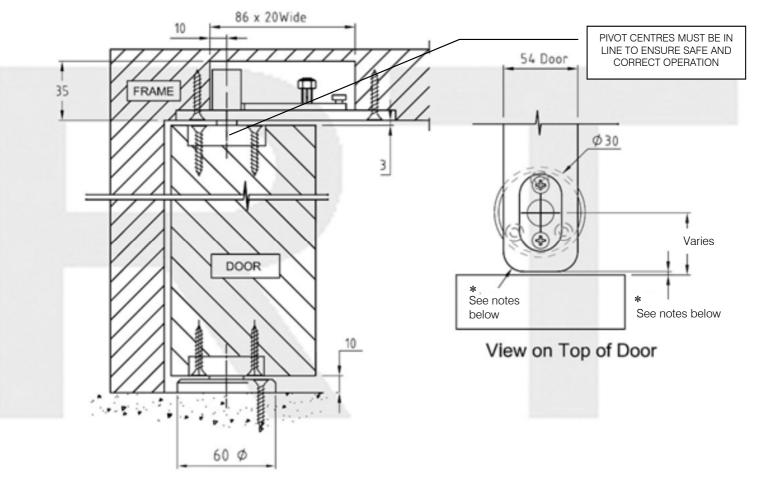
Royde & Tucker Ltd Bilton Road Dearings Cadwell lane Hitchin SG4 0SB Tel:01462 444444 Fax:01462 444433 www.ratman.co.uk e-mail: sales@ratman.co.uk



Normal door swing

Emergency door swing

## Royde & Tucker H131-401 HI-LOAD pivot set



- Grade 304 stainless steel
- Allows the door to swing in either direction
- Maintenance free, guaranteed for 25 years
- Suitable for FD30 and FD60 doors, to BS 476 for both single and double door applications
- \*For 44mm non FR doors an R9 radius is required on the pivot edge with a 4mm door and frame gap
- \*For 44mm thick Fire doors an R15 radius is required on the pivot edge as only a 3mm gap is permitted between the door and frame.
- \*For 54mm thick Fire doors an R20 radius is required on the pivot edge as only a 3.5mm gap is permitted between the door and frame.
- Heavy duty for internal doors weighing up to 120kg and up to 1100mm wide
- Top and bottom door plates have HI-LOAD maintenance free oil impregnated bronze bearings
- Set includes door bottom pivot, top centre, door brackets and M5 x 30mm screws
- For adjustable unit see H131-451
- Note: Door plates radii R12.5 for easier preparation

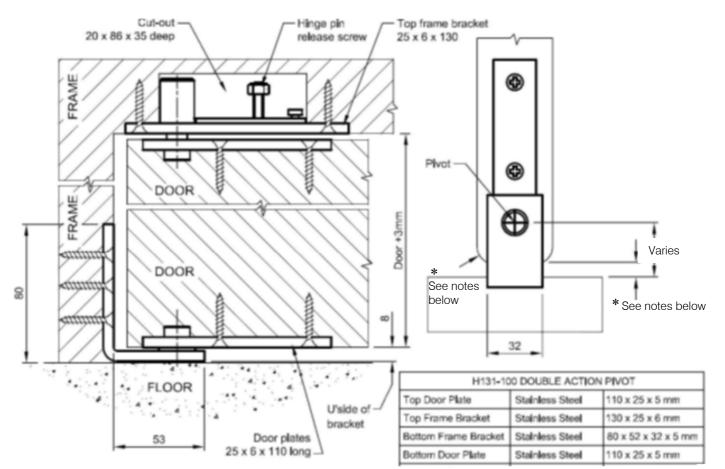
Royde & Tucker Ltd Bilton Road Cadwell Iane Hitchin SG4 0SB Tel:01462 444444 Fax:01462 444433 www.ratman.co.uk e-mail: sales@ratman.co.uk



Normal door swing

Emergency door swing

## Royde & Tucker H131-100 HI-LOAD pivot set



- Grade 304 stainless steel
- Maintenance free, guaranteed for 25 years
- Allows the door to swing in either direction
- Suitable for FD30 and FD60 doors, to BS 476 for both single and double door applications
- \*For 44mm non FR doors an R9 radius is required on the pivot edge with a 4mm door and frame gap
- \*For 44mm thick Fire doors an R15 radius is required on the pivot edge as only a 3mm gap is permitted between the door and frame.
- \*For 54mm thick Fire doors an R20 radius is required on the pivot edge as only a 3.5mm gap is permitted between the door and frame.
- Medium duty for internal doors weighing up to 80kg when floor mounted and up to 1100mm wide when jamb mounted
  Ro
- Top and bottom door plates have HI-LOAD maintenance free oil impregnated bronze bearings
- · Set includes door bottom pivot, top centre, door brackets

Normal door swing

Emergency door swing Royde & Tucker H131-700 HI-LOAD pivot set

82 x 18 wide 10.5 FRAME П 44 Door 25 3 x 25 Wide 5 3 R6

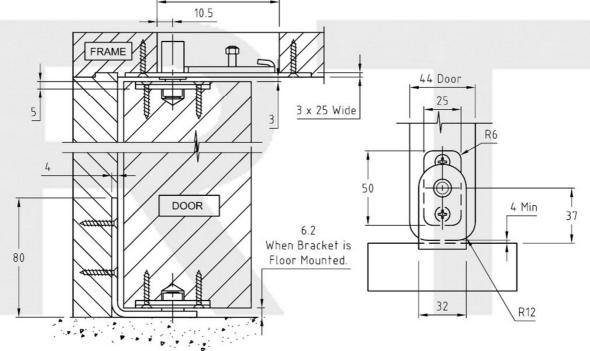
Powder coated mild steel

- •Allows the door to swing in either direction
- Minimum door thickness 38mm. R12 radius is required on the pivot edge
- Bottom bracket is frame or floor mounted
- Light duty for internal doors weighing up to 20kg (frame mounted) and 40kg (floor mounted) up to 950mm wide
- •Top and bottom door plates have HI-LOAD maintenance free oil impregnated bronze bearings
- •Set includes door bottom pivot, top centre, door brackets and M5 x 30mm screws

Note: Door plates radii R6 for easier preparation

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# (Standard door detail)





swing

door swing

Emergency



Web technical product download sheet Royde & Tucker

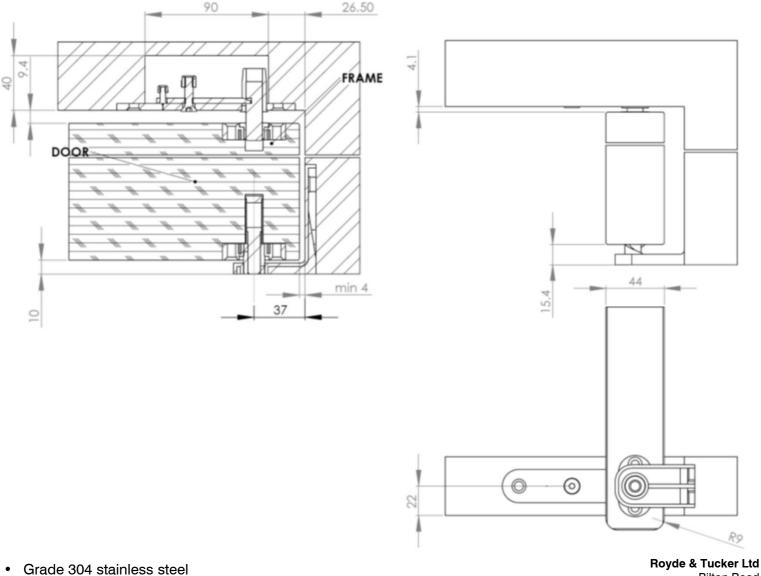
> Door rest position Emergency door swing

CLOSED VIEW

Royde & Tucker H131-490

Self centreing pivot set





- Allows the door to swing in either direction and comes to rest in the closed position
- Medium duty for internal doors weighing up to 50kg when floor mounted and up to 900mm wide when jamb mounted
- Set includes door bottom pivot, top centre, door brackets
- Required door/frame head gap to allow door to rise and fall

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