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**Plastic Slide and Tilt  
System  
Technical Reference**

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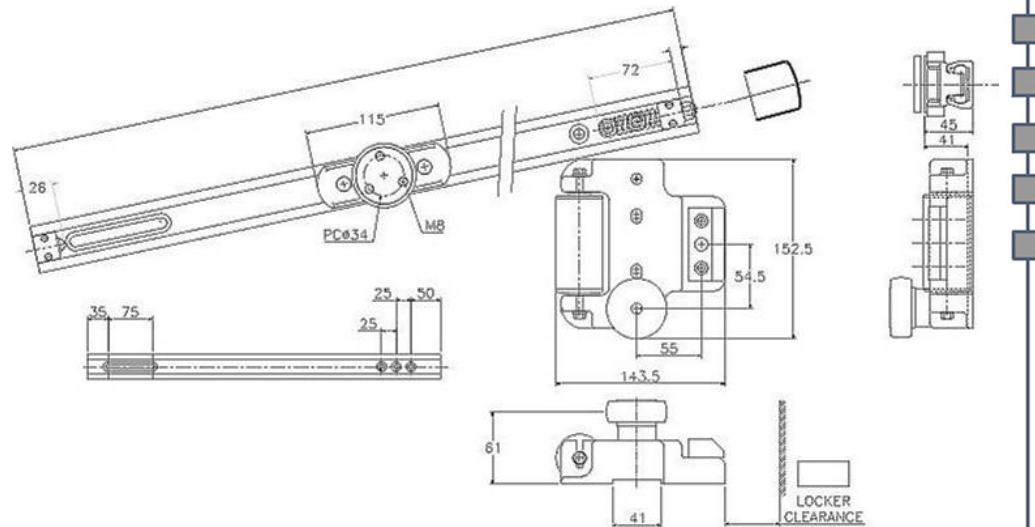
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## Plastic Slide and Tilt System Overview Technical Drawing

Developed from polymers and aluminium, GSF's unique slide and tilt system is 50% lighter than previous components, yet it is stonger, requires less maintenance and lasts longer that steel systems.

The Following functional requirements were tested and satisfied

- Typical temperature range -20 ° C +40 ° C
- Short term exposure ; -20° C for 24 hours, +100° C for 15 minutes
- 20 year lifetime\*
- 100% relative humidity
- Immersion in water
- Ability to withstand shock loads
- 70Kg load (including drawer) – tested up to 140Kg with a minimum tensile strength of 80 M Pa.
- Withsand extended vibration without damage.

*\*Subject to conditions of use. 20 years defined as 20,000 cycles carrying a 32 Kg load*

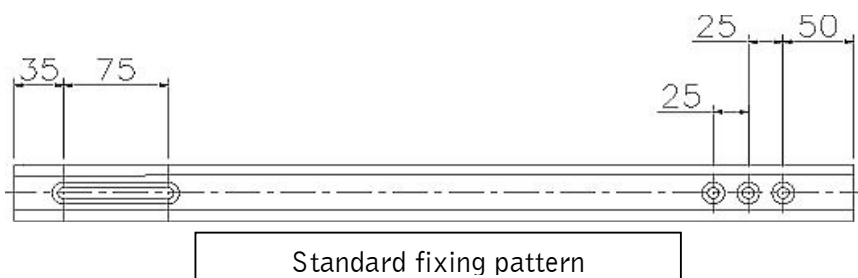
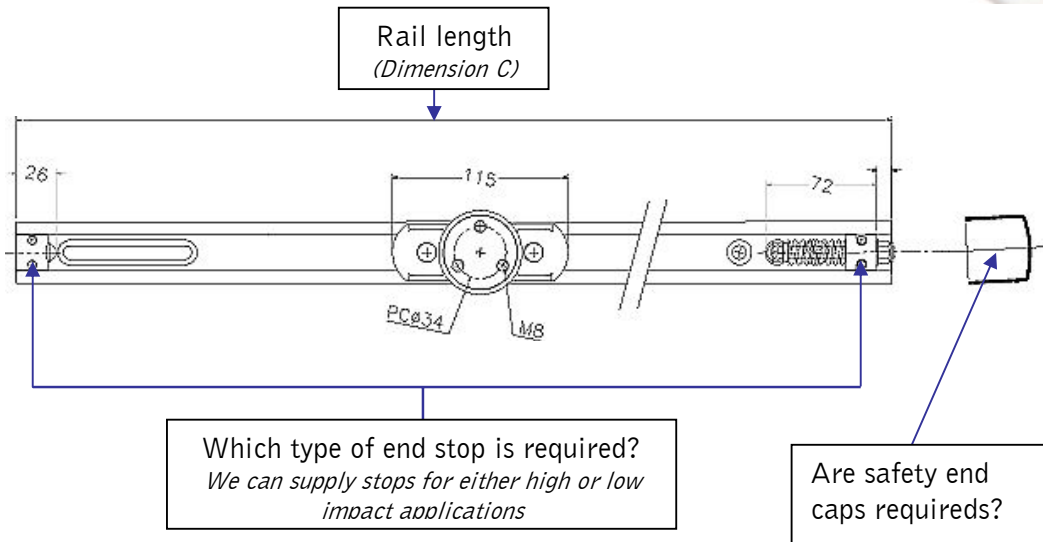
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## Linear Rail Assembly

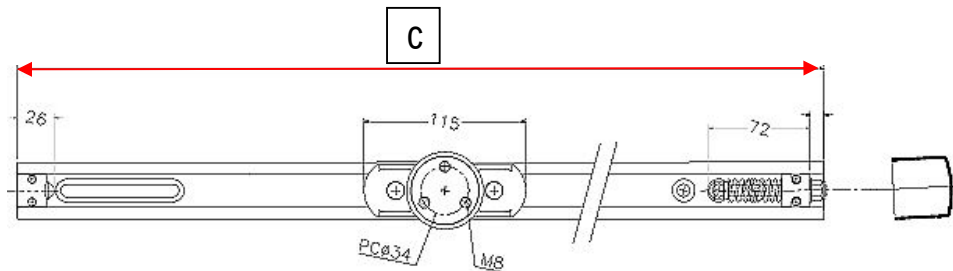
The rail is produced from a high grade aluminium extrusion, supplied with an anodised finish.

An injection moulded composite carrier that includes two fully shielded ball bearing action rollers and a machined aluminium pivot.

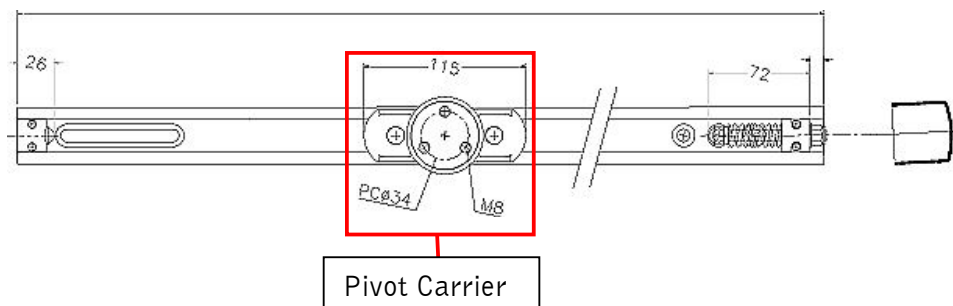
High Impact spring stops or Low Impact stops are supplied as required.



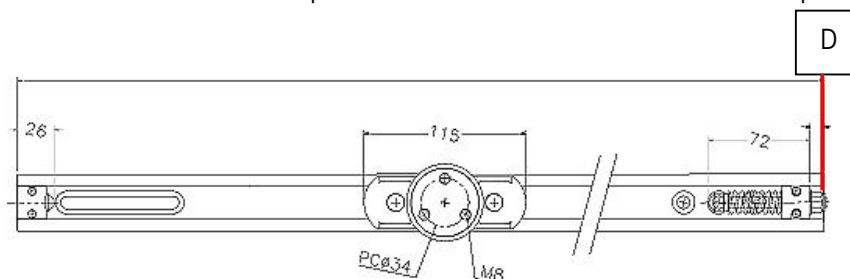
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Dimension "C" is the minimum dimension for setting the front spring stops. These stops can be moved along rails to alter the amount of drawer movement.



The mounted position of the pivot is to be approximately 150mm from the rear of the drawer. This position can be set to suit individual requirements.



Dimension "D" (10mm) is the minimum dimension for setting the front spring stops. These stops can be moved along rails to alter the amount of drawer movement.

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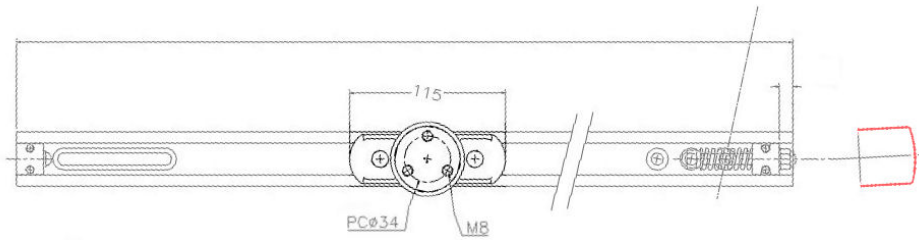


The fixing hole pattern on the rail shown is the standard format. Special patterns can be supplied on request. If you require a special hole pattern, please use the drawing below to mark your specific needs and fax this page back to GSF (The number is shown on the last page of this document.)

Fixings for the rails are not supplied.



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Red safety caps are available for exposed rail ends. Please indicate when they are required.

### Your rails requirements.

Rail length required .....

High Impact stops per rail .....

Low Impact stops per rail. ....

Red safety caps required      yes / no

Standard fixing hole pattern\*      yes / no

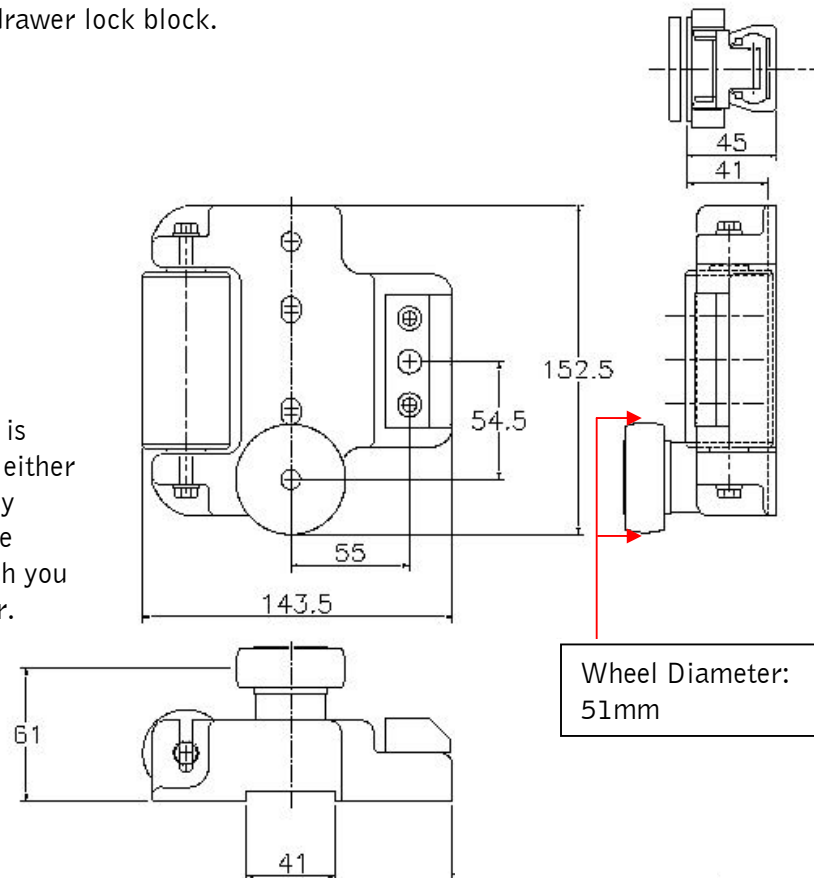
\*If "no", please complete the diagram on page 5 and return to GSF with this page and the form on the last page.

## Bracket Assembly

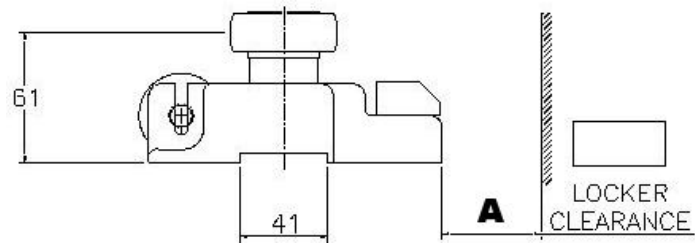


The tray support bracket assembly is produced from an injection moulded glass fibre filled plastic and is supplied fitted with an adjustable side support roller and drawer lock block.

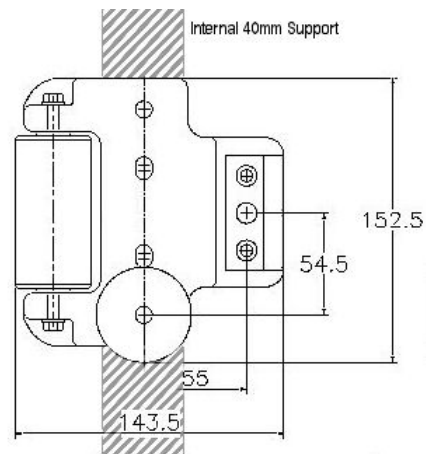
The bracket is available in either black or grey finish, please specify which you would prefer.



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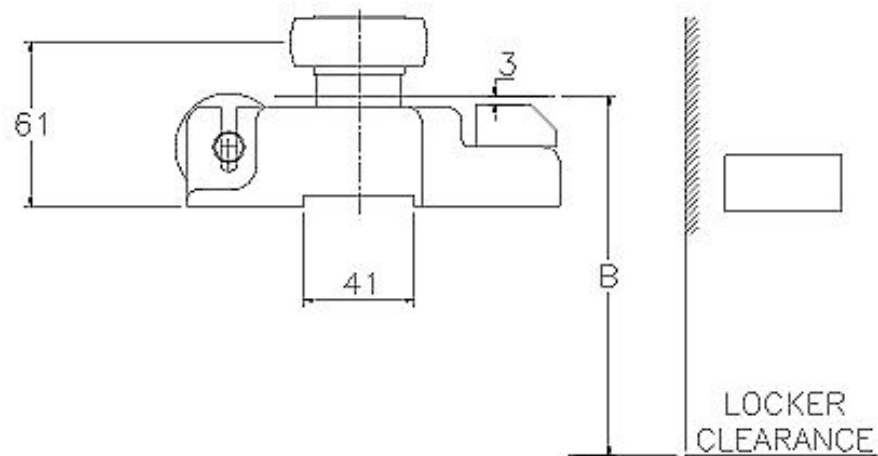
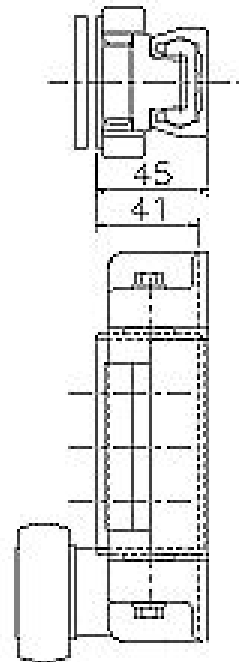
Locker assembly for drawer and drawer front. Dimension "A" is the distance between the front of the bracket and the inside of the vehicle shutter. This space has to be sufficient to accommodate a front front handle for the drawer.



The front bracket assembly can be fixed to the flat face of a locker wall or mounted onto an internal upright support beam within the locker. The mounting screws should be torqued to a recommended 20Nm (Maximum torque 25Nm)

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The sliding rail must be mounted on the same face / locker wall or internal upright support as the front bracket assembly.



Dimension "B" is the distance from the edge of the drawer to the outside edge of the shutter channels. Both left and right hand edges.

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Please complete this enquiry form and fax it back to -44 (0)1691 776900

|                               |                    |              |                          |
|-------------------------------|--------------------|--------------|--------------------------|
| Maximum load carried          | _____              | (Kg)         | <input type="checkbox"/> |
| Drawer size                   | _____              | Lente (mm)   | <input type="checkbox"/> |
|                               | _____              | Breedte (mm) | <input type="checkbox"/> |
|                               | _____              | Hoogte (mm)  | <input type="checkbox"/> |
| Operational temperature range | _____              | Min          |                          |
|                               | _____              | Max          |                          |
| Number of drawers per vehicle | _____              |              |                          |
| Number of vehicles            | _____              |              |                          |
| Total quantity required       | _____              |              |                          |
| Date required                 | _____              |              |                          |
| Bracket Color                 | <i>Black</i> _____ |              |                          |
|                               | <i>Grey</i> _____  |              |                          |
| Your Contact Details          | Company _____      |              |                          |
| Adress                        | Name _____         |              |                          |
|                               | _____              |              |                          |
|                               | _____              |              |                          |
|                               | _____              |              |                          |
|                               | _____              |              |                          |
|                               | _____              |              |                          |
| Tel.                          | Email _____        |              |                          |
| Fax.                          | Web _____          |              |                          |

**Fax to +44 (0)1691 776900**