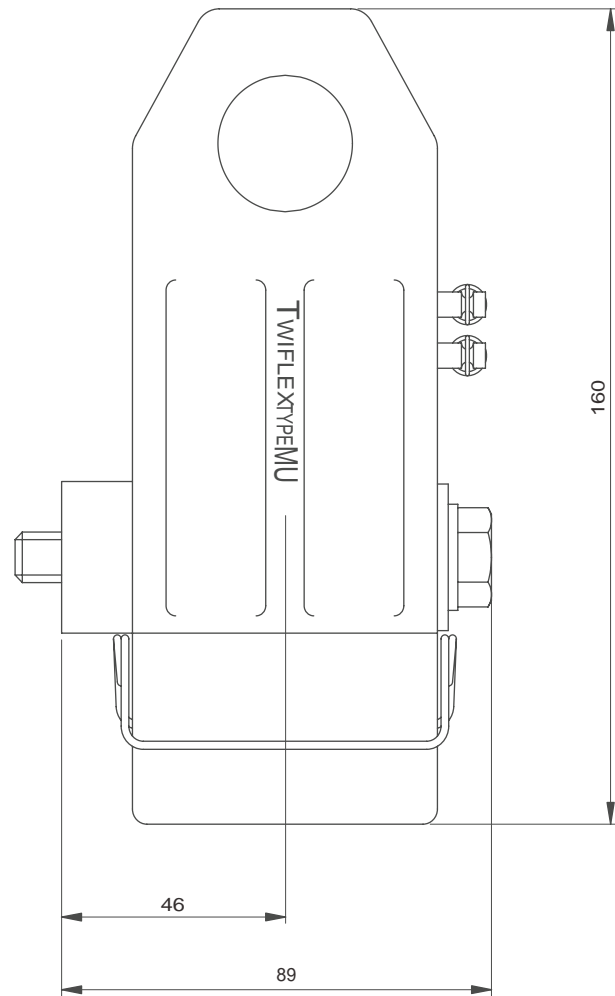
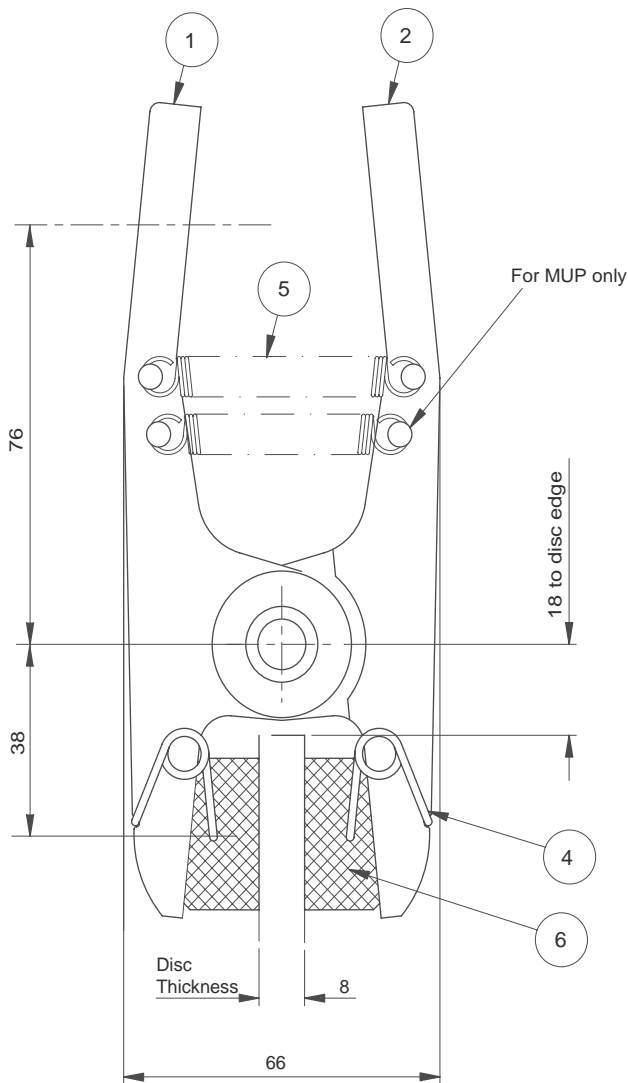


MU Disc Brake Caliper

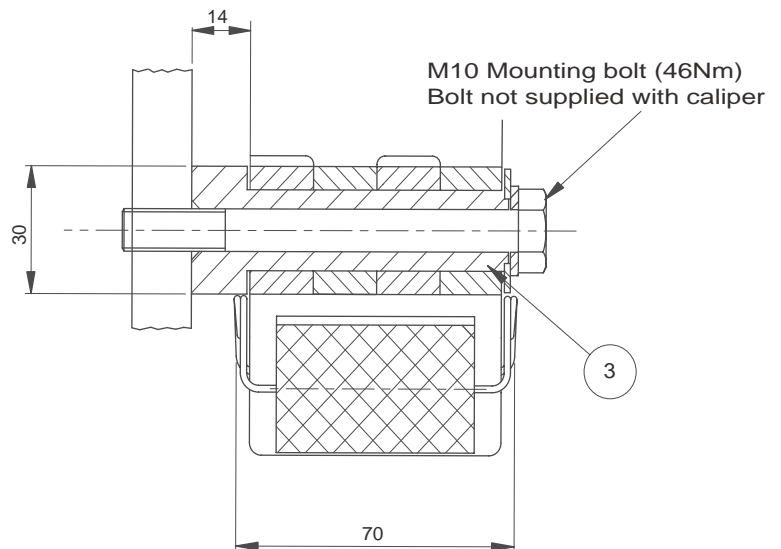
DS1000



Caliper part number. 6780918

| | |
|--------------------|--------------------------------------|
| Weight | 0.75 kg. |
| Pad wear allowance | 5mm |
| Total pad area | 58cm (2 Pads) |
| Pad dimensions new | 30 x 50 x 21 thk. |
| Pad material | Asbestos-free high friction material |

| AVAILABLE SPARES | | |
|------------------|-------------------------|----------|
| Item | Component | Part No. |
| 1 | Arm Assembly - Thruster | 6640177 |
| 2 | Arm Assembly - Slotted | 640178 |
| 3 | Pivot Post | 8240039 |
| 4 | Pad Retaining Spring | 2400093 |
| 5 | Tension Spring | 2400109 |
| 6 | Brake Pad | 7080047 |



Twiflex Disc Brakes must be used with Twiflex asbestos free brake pads.
The use of any other brake pads will invalidate the warranty.
Twiflex Limited reserves the right to modify or change the design without prior notice.

MU Disc Brake Caliper

General Description

The 'MU' series of disc brake calipers are the smallest in the Twiflex range and are designed for light duty stopping and holding applications.

This range of brake calipers can be used with 8mm or 12.7mm thick discs.

Normally one or two units will be used per disc but the number may be increased, depending on disc size.

The brake units can be positioned at any angle around the periphery of the disc, but ideally they should be mounted horizontally (in 3 or 9 o'clock positions) in relation to the disc.

| Brake | Description | Data Sheet | Maximum Braking Force - kN |
|-------|---|------------|----------------------------|
| MU3 | Pneumatically applied - Spring released | 1001 | 2.75 |
| MUP | Pneumatically applied - Spring released | 1002 | 0.72 |
| MUS2 | Spring applied - Pneumatically released | 1003 | 0.6 |
| MUS3 | Spring applied - Pneumatically released | 1004 | 0.76 |
| MUS4 | Spring applied - Pneumatically released | 1005 | 2.6 |
| MUH | Mechanically applied - Hand operated | 1006 | 0.51 |

Discs:

A range of standard discs of 12.7mm thick are available from Twiflex see Data Sheet DS0501.

Minimum disc diameter for the MU caliper is 150mm

Controllers:

Standard Twiflex Controllers are available for single or multi-caliper installations for use with electric, pneumatic and hydraulic signalling systems.

Pad replacement in air applied calipers:

To replace the pads, secure the installation to ensure safety.

Straighten tabs at each end of the brake pads, and remove worn pads.

Clean disc and the pad recesses in the shoes with a suitable cleaning agent such as white spirit.

Fit new pads, and bend tabs through 90° so as to hold pads in position,

the pad should be free to move sideways.

Pad replacement in spring applied calipers:

To replace the pads, secure the installation to ensure safety.

Slacken the two locknuts holding the thruster, and screw back the push rod to create space between pad and disc.

Straighten tabs at each end of the brake pads, and remove worn pads.

Clean disc and the pad recesses in the shoes with a suitable cleaning agent such as white spirit.

Fit new pads, and bend tabs through 90 deg. so as to hold pads in position, the pad should be free to move sideways.

Refit the thruster as described in the relevant data sheet

For bedding-in and conditioning procedures see publication M1060

Health and Safety data sheet refers to DS 0500



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Twiflex Limited.

The Green Twickenham
TW2 5AQ England

Tel: 020 8894 1161
Fax: 020 8894 6056
Website: www.twiflex.com
e-mail: sales@twiflex.co.uk