

features

All round visibility

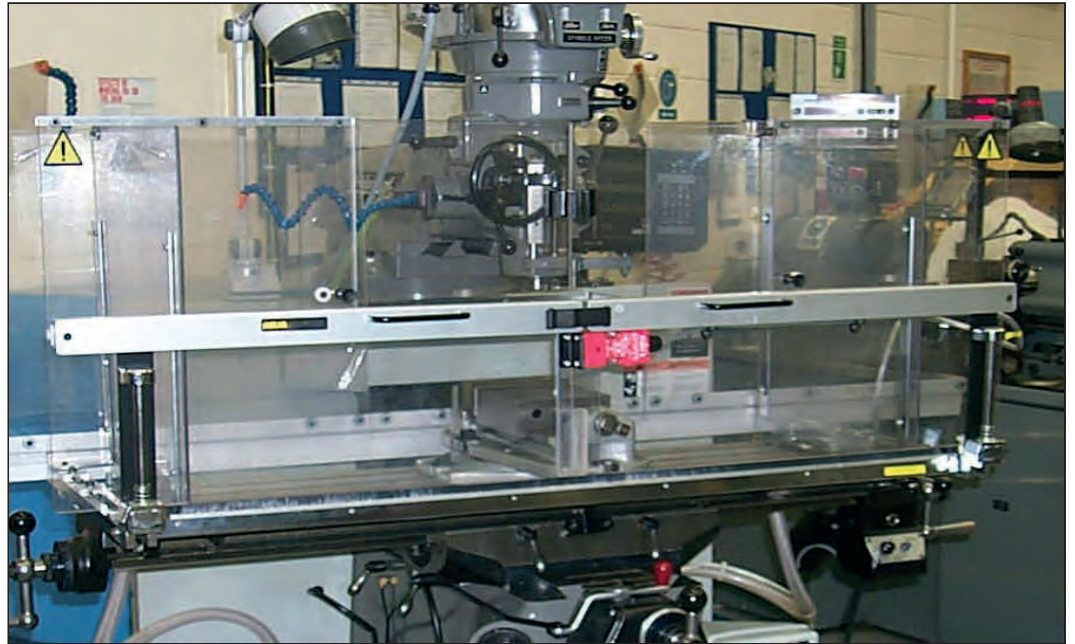
Unrestricted front access

Ease of installation

Two sliding quill access panels as standard

Suitable for :-

Horizontal, Vertical, Universal
& Turret milling machines



Slide & Swing Aside

milling machine guards

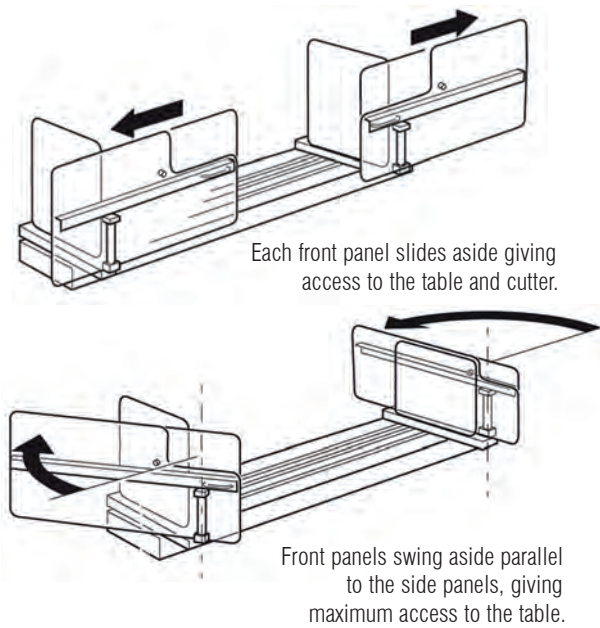
The patented Slide & Swing Aside Milling Machine Guard has been designed to meet the stringent guidelines laid down by both legal requirements and industrial necessity. It is manufactured using impact resistant clear polycarbonate and gives good visibility, immediate access and maximum operator protection. Its unique design ensures that the guard does not impair the performance or the versatility of the machine.

This is the first guard of its kind which enables either small workpieces or large castings fitting and overhanging the milling machine table to be completely protected but at the same time giving immediate and complete access to the piecepart or casting being machined. Each of the front panels can slide to the right or left and swing aside on their own axis out of the way, finishing in a position parallel to the end panels.

The advantage of the Slide and Swing Aside movement is that you can obtain immediate access to the whole length of the table for loading and unloading large workpieces, and although the panels slide aside they will not take up any more room than the actual length of the table.

Where large castings are being machined or the need to turn vice at 90° which overhang the front of the table, you can slide the guard forward and lock into the position required.

Now the SSA guard is supplied with two sliding quill access panels as standard it allows the operator to gain access to the quill or controls at the head of the machine without opening the main sliding front doors allowing the guard to be interlocked at all times.

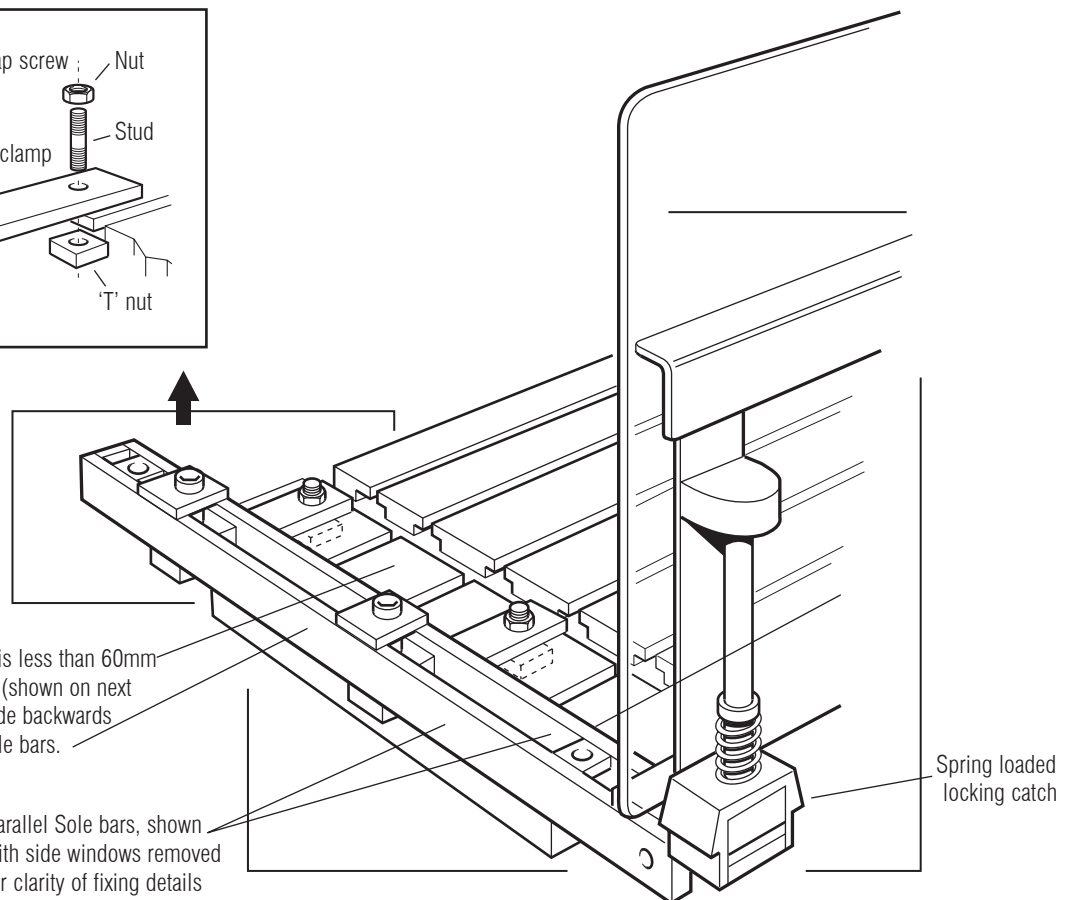
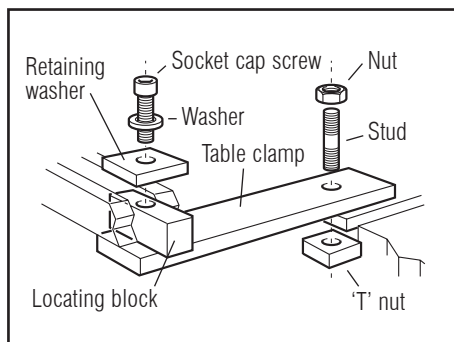


the guard

The guard is supplied in two separate assemblies which are mounted at each end of the table. A flat bar drilled at one end with a rectangular locating block welded the other end is positioned at each end of the table in one of the "T" slots and the parallel sole bars are clamped to the mounting plate by two socket cap screws. The two parallel sole bars support a kingpost to which a pivoting bracket is fitted supporting a ball bearing sliding track to which the polycarbonate transparent front panels are fixed. The two assemblies can easily be moved forward or backward across the table by slackening the two socket cap screws each end and moving to the required position. Ideal for those situations where the vice needs to be turned at right angles and overhangs the front of the table.

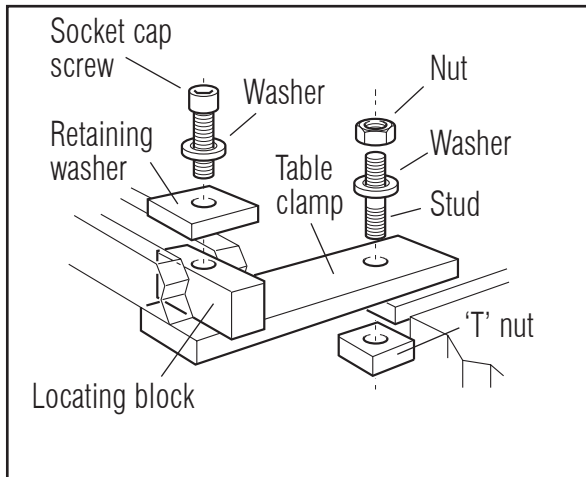
mounting the guard

For mounting in 'T' slots



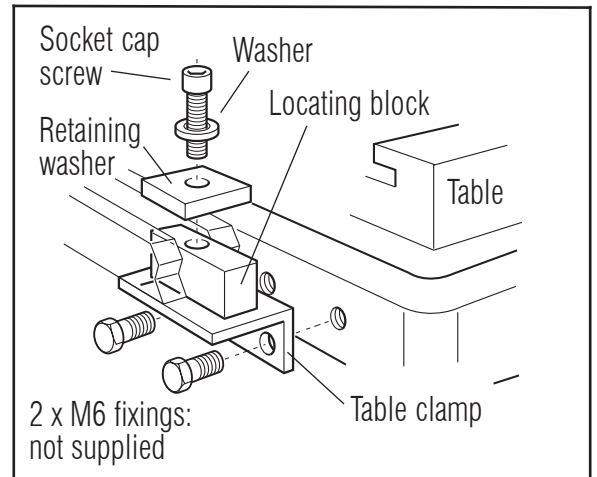
mounting the guard

Fig:1. 2J Mounting



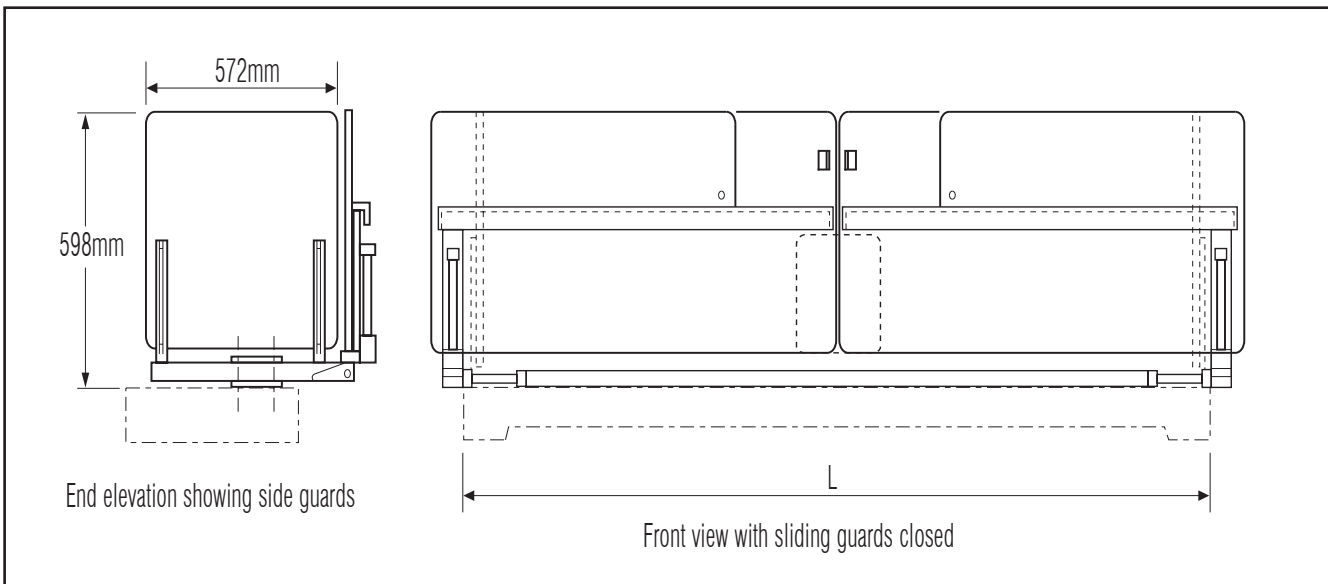
Designed for Bridgeport 21 series and similar machines. Also for use where extension 'T' slots are less than 60mm long

Fig:2. Table End Mounting



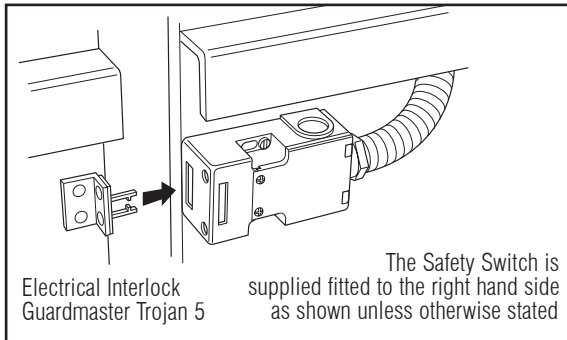
To be used where 'T' slots cannot be interrupted

dimensions



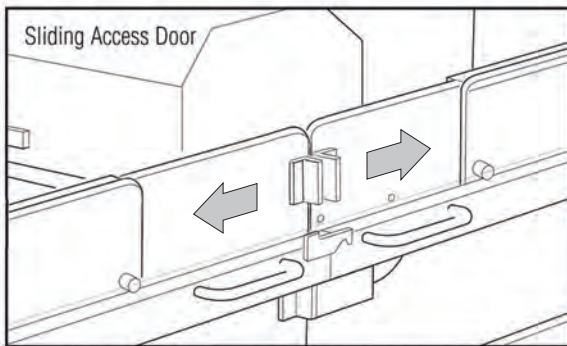
| Guard type | Description | Min Table Length "L" | Max Table Length "L" |
|------------|--|----------------------|----------------------|
| SSA/07H25E | RH&LH Sliding Doors with Quill Access Panels | 610 | 1070 |
| SSA/02H25E | RH&LH Sliding Doors with Quill Access Panels | 1000 | 1460 |
| SSA/03H25E | RH&LH Sliding Doors with Quill Access Panels | 1510 | 1970 |

SSA standard guard items



1. Electrical Interlock

Additional operator safety is provided by the installation of this compact yet totally effective and reliable safety switch. As the two front panels are closed the actuator tongue enters the switch body and closes internal contacts linked to the machine controls thus allowing machine operation only when the guard is properly closed. Interlocks are fitted to the right hand side of the SSA milling machine guard as standard. A rubber over centre cam latch provides secure closure of the two front panels whilst machine is in operation.



2. Sliding Access Door

A portion of the front panel is converted to a sliding access door which will allow access to the machines operating levers, e.g. Bridgeport Mill or similar machine types quill feed arm access. The access panel is positioned in both right hand and left hand front panels. The use of two sliding panels gives you greater flexibility when machining off centre or for when having the need for having two set ups on the machine table at the same time.