



Made in U.S.A.

FLEXBAR E.I.M.B.™

Electrical Interlocking Mounting Brackets

For use with all Flexbar Latheguards and
Small Chuckguards (see p. 4 & 7)
4 MODELS AVAILABLE TO SUIT INDIVIDUAL LATHE DESIGNS

Functioning: Once wired to motor-control circuit (motor starter), the cam-operated limit switch opens the contacts when the safety shield is tilted up . . . and the machine stops running (see fig. 1 and fig. 2).

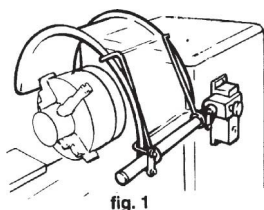


fig. 1

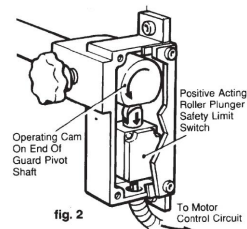


fig. 2

SPECIFICATIONS

Limit Switch:

- Roller-type
- Roller and head are metal in sealed plastic housing
- Electrical life - 1 million cycles
- Mechanical life - 30 million cycles
- NEMA 4 rated
- Approvals: UL A300, UL E140497, CSA A 300 & CSA LR26716 M20
- Snap acting SPDT INO-INC with double break ensures switch will open in event of minor contact welding
- Contact block & roller head are modular hence replaceable without discarding entire device



Electrical Conduit:

- Extremely flexible and withstands repeated flexing
 - recognized - exceeds industry standards
 - Liquid tight vs. oil, water and most chemicals
 - and certified and recognized
- *Fittings:**

Inside is nylon with BUNA-N gland which seals the two each (2) 18 gage wires, plus a grounding wire.

AVAILABLE IN 4 DIFFERENT MOUNTING STYLES:

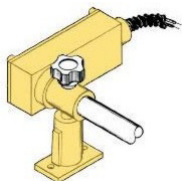
•Bright Yellow Painted Finish

Included with each E.I.M.B. model:

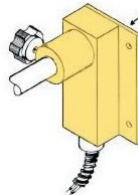
- Electrical Interlock Box with safety limit switch, wiring and mounting bracket with locking knob
- Special Latheguard tube
- Wiring diagram.

Dimensions of rectangular box portion of E.I.M.B.:

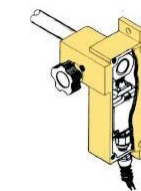
Approx. 6-5/8 X 2-3/8 X 1-5/8 inches (168mm x 60mm x 41.3mm)



Model No. 17002 (Style 2)
Style 2 - Telescoping & Swiveling Style.
For lathes with irregular or dome-shaped headstock, E.G.- Hardinge.
For all shield sizes.

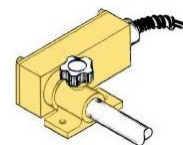


Model No. 17003 (Style 3)
Style 3 - Mounts on face of headstock. Backplate can be reversed 180° on housing thus flange portion can be on right (as shown) or on left side, if reversed. All shield sizes.



Flange
(Reversible)

Model No. 17001 (Style 1)
Style 1 - Mount at back of lathe
(see fig. 1). For all shield sizes.



Model No. 17004 (Style 4)
Style 4 - Top mounting for flat top of headstock. All shield sizes.
NOTE: Observing the lathe structure and taking a few measurements makes proper selection easy.

ABOVE E.I.M.B. MODELS DO NOT INCLUDE LATHEGUARD SHIELDS/ASSEMBLIES.
REFER TO PAGES 4 & 7 TO ORDER LATHEGUARDS.