

MADE OF
***LEXAN®**
Certified

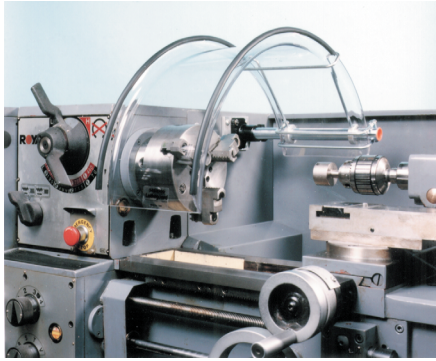
Made in U.S.A.



EXCEEDS O.S.H.A.
REQUIREMENTS

**NEITHER
RAZOR-SHARP CHIPS NOR
BROKEN TOOL BITS WILL
PENETRATE THE LEXAN® SHIELD**

- Rib reinforced
- Robust construction
- Light in weight
- Swings away easily



Prevent Accidents With
LATHEGUARD™

Clear LEXAN, Semi-Circular Wrap-a-round Guards

- Heavy Duty Cast Mounting bracket supplied.
- Heavy Duty Chrome-plated extension tube and hardware.
- Ready to mount; all you do is affix mounting bracket with two screws.
- Back of shield is reinforced with plated wire-form housing.
- Locks in swing away or functional positions.
- Accepts 3 or 4-Jaw Chucks.

Model No.	Suggested Lathe Size	Center Height (A) (Shield Height)	Use With Chucks	Shield Width (F)	Shield Length (B)	Tube Length (E)
12999	Very Small Lathes	3.9"	Up to 6" Dia	6 1/4"	7.8"	10"
13060	6 to 12	6"	Up to 8" Dia	6 1/4"	11.8"	10"
13061	12 to 16	8"	Up to 12" Dia	8"	15.8"	11 1/2"
13062	16 to 20	10"	Up to 16" Dia	8"	19.70"	13"
13064	20 to 24	13"	Up to 20" Dia	8"	23.6"	13"
13059	Extra Long Tube (E) for lathes where chuck sticks out a long way from headstock					16"

REPLACEMENT SHIELDS AVAILABLE. SEE NEXT PAGE.

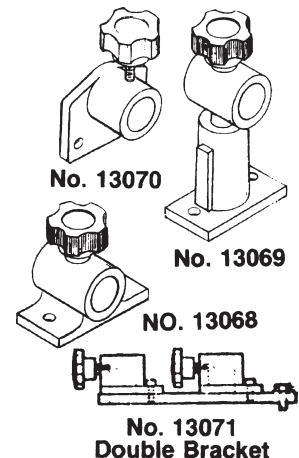
***ALL LATHEGUARDS SUPPLIED WITH MOUNTING BRACKET NO. 13070**

Order from below if your Lathe needs either #13068 or #13069 Bracket, or No. 13071 Double Bracket

Model No.	Description
13068	For mounting to top or back of headstock.
13069	Extension or telescoping type for top or back mounting.
13070	If you want an extra mounting bracket.
13071	Double bracket: this enables you to mount the next larger shield when changing from a 3 jaw chuck to a 4 jaw chuck.
13075	Long Reach Latheguard Mounting Kit for easy mounting of Latheguard on large machines or difficult applications. Mount can be positioned up to 27" from Latheguard.



*REG. TRADEMARK OF GENERAL ELECTRIC CO.

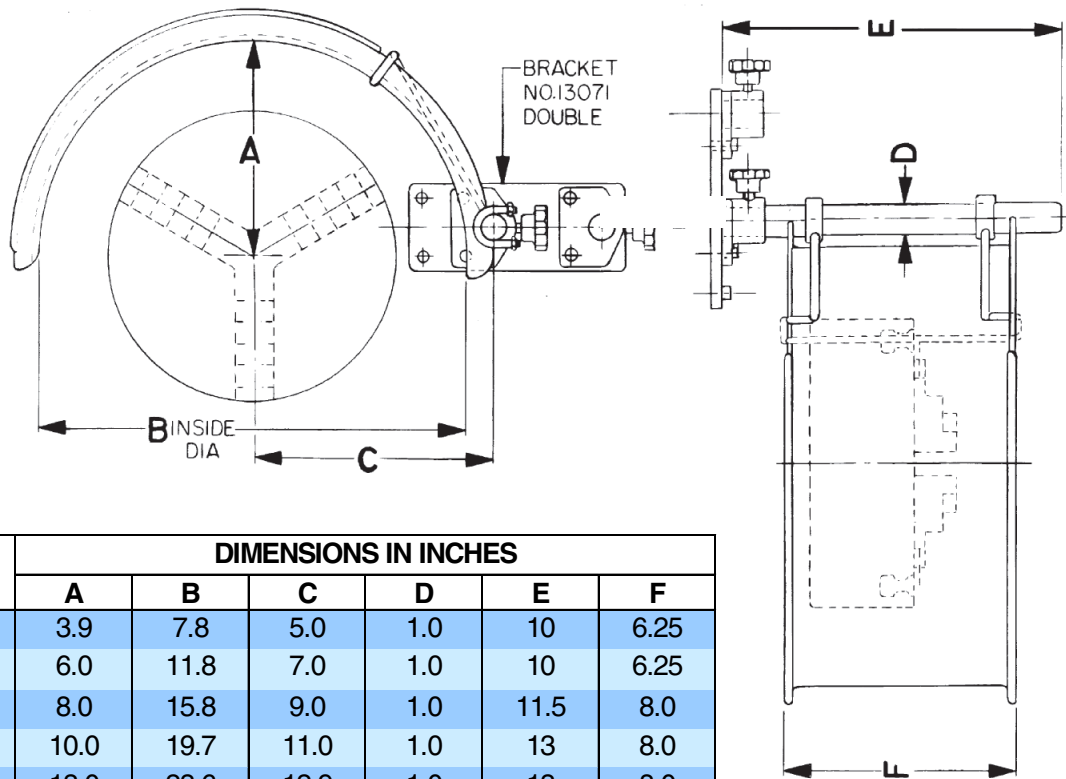


THE FLEXBAR LEXAN LATHEGUARD™

Information and Specifications HINTS, FOR SELECTING THE CORRECT LATHEGUARD!

- (1) The Chuck Diameter being used on your Lathe makes for a good formula.
- (2) Utilize Dimension "A" and other dimensions given in chart shown below.
- (3) On Lathes with center heights of 7 inches or more there is a significant variation in the diameter of a 3-Jaw as against a 4-Jaw Chuck. It may be necessary to install the next larger Latheguard to accommodate for the 4-Jaw Chuck. Keeping a double bracket (No. 13071) on the Lathe makes it possible to switch your latheguard from small to larger size and vice versa, in one minute.

**NEITHER RAZOR-SHARP CHIPS NOR BROKEN TOOLS BITS
WILL PENETRATE THE LEXAN SHIELD**



Model No.	DIMENSIONS IN INCHES					
	A	B	C	D	E	F
12999	3.9	7.8	5.0	1.0	10	6.25
13060	6.0	11.8	7.0	1.0	10	6.25
13061	8.0	15.8	9.0	1.0	11.5	8.0
13062	10.0	19.7	11.0	1.0	13	8.0
13064	13.0	23.6	12.9	1.0	13	8.0

REPLACEMENT SHIELDS (only) for LATHEGUARD

Model No.	Shield Width (F)	Shield Height (A)	Shield Height (B)	Replacement For Latheguard Model No.
13072	6 ¼"	7.8"	3.9"	12999
13065	6 ¼"	12"	6"	13060
13066	8"	16"	8"	13061
13063	8"	19.70"	10.25"	13062
13067	8"	24"	12"	13064

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).

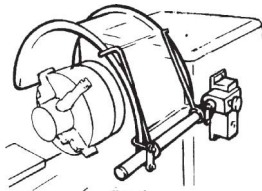


fig. 1

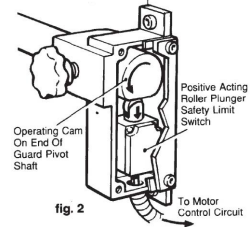


fig. 2

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:

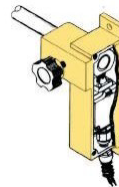
•Bright Yellow Painted Finish

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

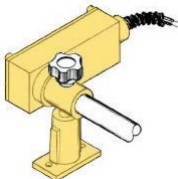
- Electrical Interlock Box with safety limit switch, wiring and mounting bracket with locking knob
- Special Latheguard tube
- Wiring diagram.

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

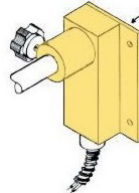
Approx. 6-5/8 X 2-3/8 X 1-5/8 inches (168mm x 60mm x 41.3mm)



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

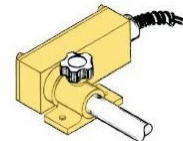


Model No. 17002 (Style 2)
Style 2 - Telescoping & Swiveling Style. For lathes with irregular or dome-shaped headstock, E.G.- Hardinge. For all shield sizes.



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)

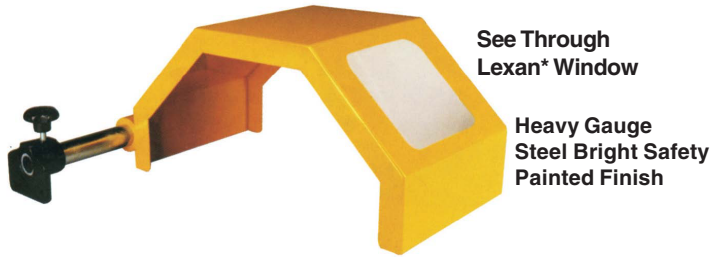


Model No. 17004 (Style 4)
Style 4 - Top mounting for flat top of headstock. All shield sizes.
NOTE: Observing the lathe structure and taking a few measurements makes proper selection easy.

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

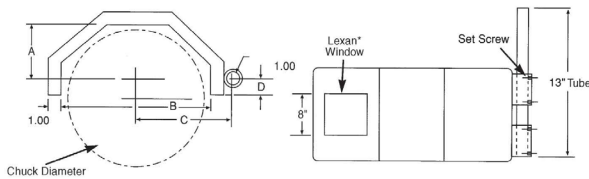
SMALL CHUCKGUARD

Designed For Heavy Duty Applications Where A Steel Shield Is Recommended On Lathes Up To 20" Diameter



See Through Lexan* Window

Heavy Gauge Steel Bright Safety Painted Finish



Special Features:

- Available with Electrical Interlocking Mounting Brackets (see page 6).
- Heavy-Duty Cast Mounting Bracket supplied (Model No. 13070).
- Optional Mounting Brackets for various applications are available (see page 4).
- Heavy-Duty Chrome-plated Extension Tube and Hardware.
- Ready to mount; All you do is affix mounting bracket with two screws.
- Locks in swing away or functional positions.
- Accepts 3- or 4-Jaw Chucks (Note: Some 4-Jaw Chucks may require a larger size).

INCLUDES HARDWARE & MOUNTING BRACKET No. 13070

Model No.	Center Height (Shield Size)	Use with Chucks	C	Shield Length
13250	9.5"	Up to 16" dia.	10.25"	19"
13251	10.5"	Up to 20" dia.	12.25"	21"
13059	Extra Long Tube (16") for Lathes where Chuck			

* Reg. Trademark of General Electric Co.

CHUCKGUARDTM SUPER HEAVY DUTY STEEL GUARDS

Made of 14 Gauge Steel for Chucks up to 47" Diameter



Large Diameter Chucks are, by themselves DANGEROUS! (Even more so at high speed settings.) Chuckguard protects the operators and the "passer-by" from serious injuries.

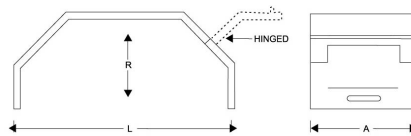
Each Chuckguard is supplied complete with mounting hinge, plate and support bar for mounting on headstock of lathe.

Features:

- Hinged front panel allows easy access to the chuck
- Lexan window for easy viewing
- Comes complete with mounting bracket and support bar for mounting on headstock
- Bright safety painted finish
- Exceeds O.S.H.A. requirements

*Also Available...
Extra Large Capacity*

Quick Reference Guide for
Selecting Correct Flexbar Steel
CHUCKGUARDTM



Model No.	Dimensions			Chuck Diameters
	A	R	L	
13056	14"	17 1/2"	35"	20", 24", 25", 26", 28", 30", 30 1/2"
13057	14"	20"	40"	30 1/2", 32", 36"
13058	14"	25 1/2"	51"	39 1/2", 47", 49"

CHUCKGUARD

Custom Built heavy gauge steel chuck shield available for very large diameter chucks up to 62".
Phone, fax or email for more information!