



Shine A Light On Safety with Flexbar® Visorguard-LED™



Protection with Productivity and Built-in Illumination!

Standard Visorguard Features

- » Flexbar® Arm permits setting of Visorguard shield at correct height and angle for each setup.
- » Arm is adjustable and locks rigid.
- » Flip shield up to load part and down for machining. Special spring-loaded shaft makes shield stay put – no springback.
- » Wing-shaped shield protects workers at adjacent machines.
- » Installs in minutes on CNC mills, conventional mills and more.
 - » Shield Size: 16" W x 8" H
 - » Flexbar Arm: 10" Long



Unique Built-in LED's Provide Super Bright CRI 90 Illumination

- » 10" long Continuous LED strip puts out 6000K natural white light
- » 170 degree beam angle, Auto-Diffuse with no LED light hot spots
- » Water and Coolant proof
- » System can be powered by 12V 2500mAh Rechargeable Battery Pack with on/off switch providing 4 hours of light per charge, or by a 12V direct wire wall transformer with on/off switch - 8 ft. cable

Ordering: Complete Visorguard-LED™ Systems

MODEL NO.	DESCRIPTION
13170	Visorguard-LED™, with 12V direct wire wall transformer, 8 ft. cable with on/off switch
13171	Visorguard-LED™, with 12V rechargeable battery pack, jumper cable and 12V charger/wall transformer
13172	Visorguard-LED™ 40", long reach with 12V direct wire wall transformer, 8 ft. cable with on/off switch
13173	Visorguard-LED™ 40", long reach with 12V rechargeable battery pack, jumper cable & 12V charger/wall transformer

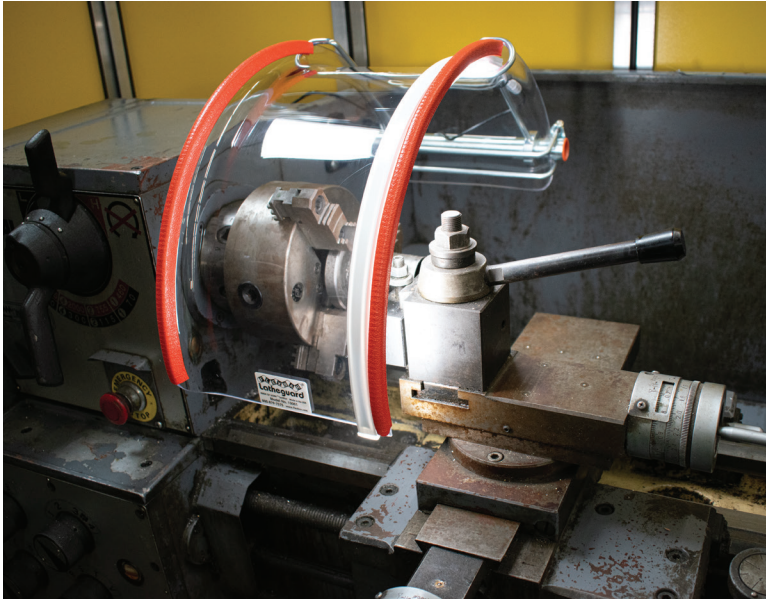
Replacement Shield and Components/Accessories

13054-LED	Visorguard-LED™ Replacement Shield, 16" W x 8" H w/10" LED Light Strip
13174	12V direct wire wall transformer with 8 ft. cable and on/off switch
13175	12V rechargeable battery pack, jumper cable, Velcro set & 12V charger
80063-6	Ball & Thread Replacement Cable for all Visorguard™ Models

Other Visorguard-LED™ Models Available upon request.



Shine a Light on Safety with Latheguard-LED™



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

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

Protection with Productivity Now Featuring Built-in Illumination!

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.



Built-in wrap-around LED Strip mounted on right side of shield

EXCEEDS O.S.H.A. REQUIREMENTS

Unique Built-in LED's Provide Super Bright CRI 90 Illumination

- » Wrap-Around Continuous LED strip puts out 6000K natural white light
- » 170 degree beam angle, Auto-Diffuse with no LED light hot spots
- » Water and Coolant proof
- » System can be powered by **A Models** - 12V 2500mAh Rechargeable Battery Pack with on/off switch providing 4 hours of light per charge, or with **B Models** - optional 12V direct wire wall transformer with on/off switch - 8 foot reach



Scan here for shield dimensions

Ordering: Complete Latheguard-LED Systems ALL LATHEGUARDS SUPPLIED WITH MOUNTING BRACKET NO. 13070

LED SYSTEM OPTIONS

A* MODEL NO.	B** MODEL NO.	SUGGESTED LATHE SIZE	CENTER HEIGHT (A) (SHIELD HEIGHT)	USE WITH CHUCKS	SHIELD WIDTH (F)	SHIELD LENGTH (B)	TUBE LENGTH (E)
13180	13185	Very Small Lathes	3.9"	Up to 6" Dia.	6¼"	7.8"	10"
13181	13186	6 to 12	6"	Up to 8" Dia.	6¼"	11.8"	10"
13182	13187	12 to 16	8"	Up to 12" Dia.	8"	15.8"	11½"
13183	13188	16 to 20	10"	Up to 16" Dia.	8"	19.70"	13"
13184	13189	20 to 24	13"	Up to 20" Dia.	8"	23.6"	13"

*A. Latheguard-LED™, with 12V direct wire wall transformer - 8ft. cable with on/off switch

**B. Latheguard-LED™, with 12V rechargeable battery pack, on/off switch, 24" cable, Velcro set & 12V charger

LED REPLACEMENT SHIELDS (only) for ALL LATHEGUARD™ SYSTEMS

MODEL NO.	SHIELD WIDTH (F)	SHIELD LENGTH (B)	SHIELD HEIGHT (A)	REPLACEMENT FOR LATHEGUARD MODEL NOS.
13072-LED	6¼"	7.8"	3.9"	12999/13180/13185
13065-LED	6¼"	12"	6"	13060/13181/13186
13066-LED	8"	16"	8"	13061/13182/13187
13063-LED	8"	19.70"	10.25"	13062/13183/13188
13067-LED	8"	24"	12"	13064/13184/13189
13174	12V direct wire wall transformer with 8 ft. cable and on/off switch			
13176	12V rechargeable battery pack, 24" cable, Velcro set & 12V charger			

Latheguard-LED™

Accessory Mounting Brackets & Tubes for Latheguard™ Systems



13068



13069

MODEL NO. DESCRIPTION

MODEL NO.	DESCRIPTION
13068	For mounting to top or back of headstock
13069	Extension or telescoping type for top or back mounting. Range: 3.25" to 5"
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.



13070



13071

Electrical Interlocking Mounting Brackets

For use with all Flexbar Latheguards and Latheguard-LED™ Systems

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).

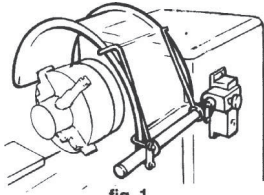


fig. 1

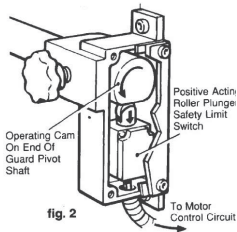


fig. 2



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

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

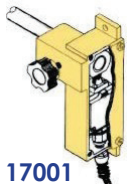
AVAILABLE IN 4 DIFFERENT MOUNTING STYLES:

- Bright Yellow Painted Finish

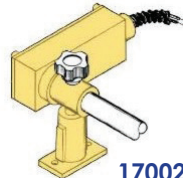
Included with each E.I.M.B. model:

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

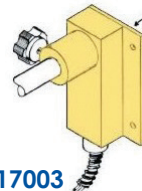
Dimensions of rectangular box portion of E.I.M.B.:
Approx. 6 5/8 x 2 3/4 x 1 1/2 inches (168mm x 60mm x 41.3mm)



17001

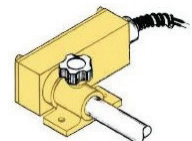


17002



17003

Flange
(Reversible)



17004

MODEL NO. DESCRIPTION

17001	Style 1 - Mount at back of lathe (see figure 1). For all shield sizes.
17002	Style 2 - Telescoping & Swiveling Style. For lathes with irregular or dome-shaped headstock, E.G. -Hardinge. For all shield sizes.
17003	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.
17004	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.

Shine a Light on Safety with Flexbar® Drillguard-LED™



Protection with Productivity Now Featuring Built-in Illumination!

- » Complete operator vision and protection assured.
- » Smooth telescopic action via spiral guide grooves-window caged housing moves up while drill comes down; hence cutting tool is totally guarded.
- » For drill changes - simply pull down on housing. Three spring loaded ball catches disengage and the housing drops out. Conversely, it quickly snaps back in place.
- » Quality made of heavy duty material, Drillguard™ comes complete with installation and operation instruction. The Quill Ring (which holds cage housing) is machined from solid aluminum. Fits quill dia. 2.75" to 2.626"
- » Order bushing adapters (below) for smaller dia. quills.

Unique Built-in LED's Provide Super Bright CRI 90 Illumination

- » Annular LED Ring Lighting puts out 5000K natural white light with a 360° downward curtain.
- » Water and Coolant proof .
- » System can be powered by either a 12V 2500mAh Rechargeable Battery Pack with on/off switch providing 4 hours of light per charge, or with an optional 12V direct wire wall transformer - 8 ft. cable with on/off switch.

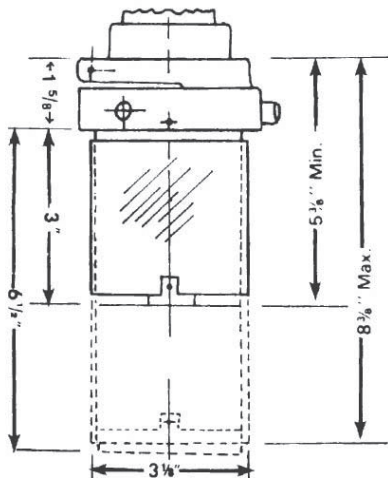
Ordering:

MODEL NO. DESCRIPTION

13198	Drillguard-LED™, with 12V direct wire wall transformer, 8 ft. cable with on/off switch
13199	Drillguard-LED™, with 12V rechargeable battery pack, with on/off switch, 24" cable, Velcro set & 12V charger
13126-N	Acrylic Replacement window for all Drillguard™ models

Accessory Bushing Adapters:

MODEL NO.	Fits Quill Dia. (inches) UP TO FROM
13127	2.625" to 2.563"
13128	2.562" to 2.501"
13129	2.500" to 2.438"
13130	2.437" to 2.376"
13131	2.375" to 2.313"
13132	2.312" to 2.251"
13133	2.250" to 2.188"
13134	2.187" to 2.126"
13135	2.125" to 2.063"
13136	2.062" to 2.000"
(or Metric Equivalent)	



While maximum diameter shown is 2³/₄" the mounting collar can be chucked and bored out to 2⁷/₈" diameter or slightly more.



Distributed By:



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