



## GE Lighting Components



## Medium Screw Bases

By far the most familiar of the lamp bases produced by GE Lighting, medium screw bases are made to fit most of the household and commercial lamp sockets in use around the world.

### Bases Or Caps

Whether they are referred to as bases (the US terminology) or caps (as they are called in many other countries), these are highly engineered components produced in large volumes on automated equipment.

To the world's lamp makers, GE Lighting offers world class production facilities, the experience and expertise of our engineering personnel and a strong tradition for producing quality parts. We utilize computerized monitoring and statistical process control methods to keep the level of quality high and costs to our customers as low as possible.

Bases are key elements in lamp performance. They provide for the passage of electrical current, the required insulation characteristics and the strength and stiffness to effectively anchor the light bulb assembly.

### Designer's Choice

Bases from GE Lighting are available with a number of options, enabling designers to adapt incandescent lighting to a broad range of applications. These options include brass, aluminum or nickel plated shells, round or cone domes; skirts; US and international thread spacing, left hand threads and others. This data sheet also includes the medium threadless prefocus single contact base. See table on Page 2 for more details.

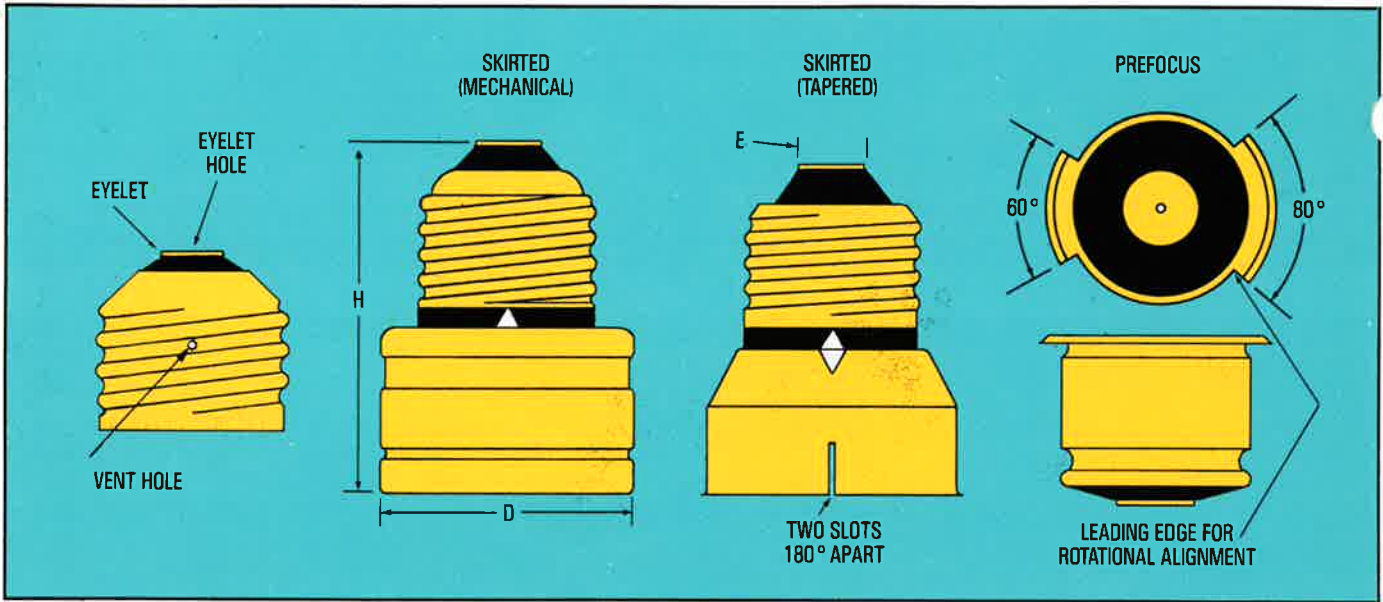
GE medium screw bases conform to a number of specifications, including the ANSI and SAE codes. To meet

specifications in international markets, GE manufactures bases which are made to the metric dimensions published by the International Electric Commission (IEC). A conversion table from GE product code numbers to IEC designations is available from GE Lighting.

### Ordering Information

To order medium screw bases, contact the **GE Providence Base Plant, 586 Atwells Avenue, Providence, Rhode Island 02909, Telephone: (401) 456-6140, Fax: (401) 456-6132.**

For additional specification data, contact **GE Lighting Components, Building 315, Nela Park, East Cleveland, Ohio, 44112, or call (216) 266-2451, Fax: (216) 266-3372.**



### Medium Screw Bases

Glass insulated. Brass shell unless otherwise noted. Dimensions in inches and (mm), seven threads per inch (25.40 mm)

Product Code No.	Description	D Diameter OD Max	H Height	E Eyelet Diameter	Threads			
					Depth Minimum	Radius Nominal	Crest Maximum	Root Maximum
0102-30	Cone Dome, Full Fill w/Vent Hole							
0102-46	Aluminum Shell, Cone Dome, Center Fill, Beaded Skirt, Special Thread Funnel, w/Vent Hole							
0102-47	Cone Dome, Center Fill, Special Thread Funnel, w/Vent Hole							
0102-48	Cone Dome, Center Fill, Special Thread Funnel, Date Coded w/Vent Hole	1.075 (27.30)	.937 (23.8)	.389 (9.88)	.033 (.838)	.047 (1.193)	1.037 (26.33)	.971 (24.66)
0102-50	Cone Dome, Center Fill, Special Thread Funnel, w/Vent Hole, Nickel Plated							
0102-51	Cone Dome, Center Fill, Special Thread Funnel, Date Coded w/Vent Hole, Nickel Plated							
0102-52	Cone Dome, Full Fill							
0129-01	Aluminum Shell, Cone Dome, Center Fill, International Thread	1.066 (27.046)	1.063 (27.0)		.0431 (1.095)	.040 (1.025)	1.038 (26.38)	.952 (24.19)
0129-03	Cone Dome, Center Fill, International Thread							
1809-03	Left Handed Thread	1.075 (27.30)	.937 (23.8)		.033 (.838)	.047 (1.193)	1.037 (26.33)	.971 (24.66)
1850-01	Threadless, Prefocus, Single Contact	1.085 (27.56)	.965 (24.5)	.440 (11.18) EH .050 (1.270)	----- NONE -----			

### Skirted Medium Screw Bases

0108-04	Tapered Skirt, Two Vertical Slots		1.953 (49.605)		.033 (.838)	.047 (1.193)		.975 (24.77)	
0108-12	Tapered Skirt, Two Vertical Slots, International Thread		2.067 (52.50)	.413 (10.5)	.043 (1.095)	.0404 (1.025)		.955 (24.26)	
0125-02	Mechanical Skirt	1.505 (38.22) (Skirt ID)	2.063 (52.695)	EH .040 (1.02)	.033 (.838)	.047 (1.193)	1.041 (26.45)	.975 (24.77)	
0125-03	Mechanical Skirt, Nickel Plated								
0125-04	Mechanical Skirt, International Thread		2.175 (55.255)		.043 (1.095)	.0404 (1.025)			.955 (24.26)



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