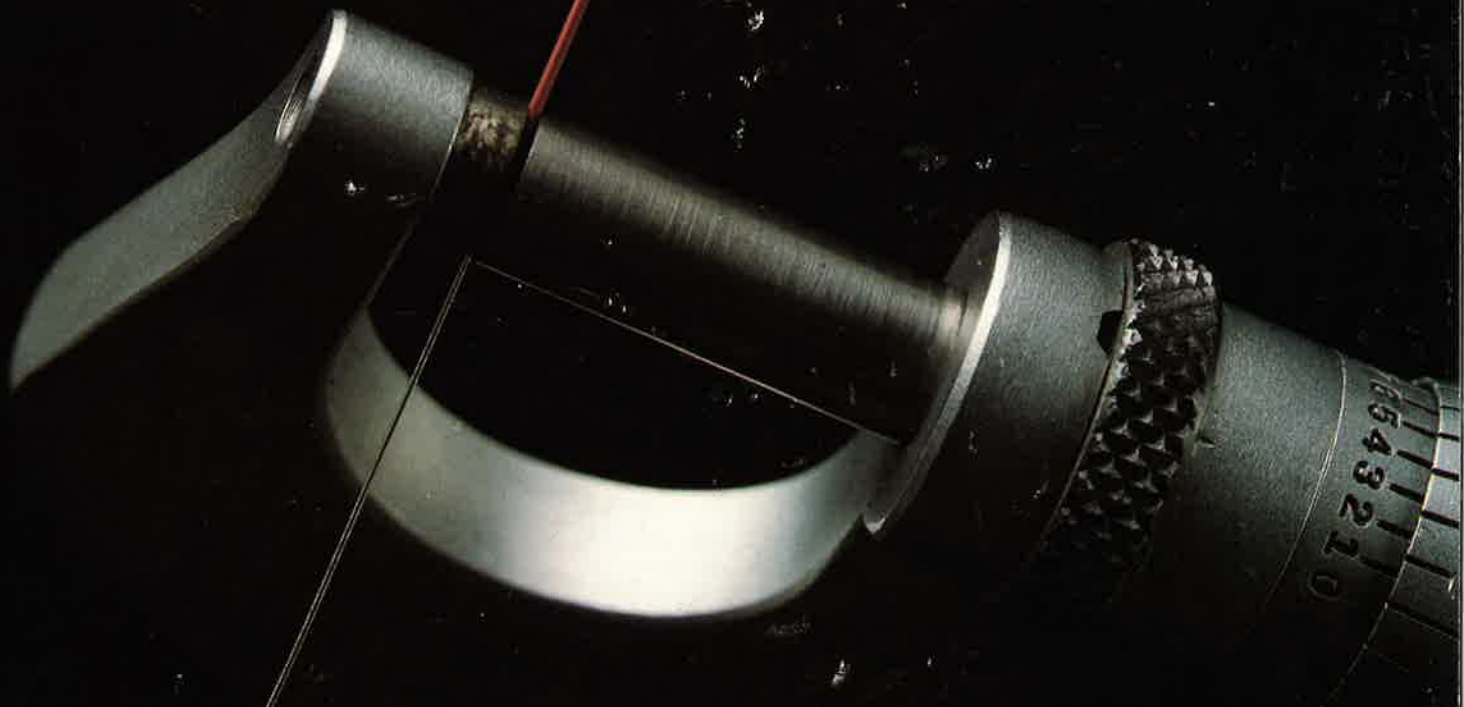




# OptiFeed™ Leads

Smaller, more uniform welds  
can result in significant  
productivity gains.



TM-"OptiFeed" is a Trademark  
of General Electric Company, U.S.A.

GENERAL  ELECTRIC

GENERAL ELECTRIC COMPANY  
Lamp Components & Technical Products Division

# OptiFeed™ Leads: A GE Weld Knot Advance

OptiFeed leads represent an important advancement in the General Electric line of quality conventional lead wires.

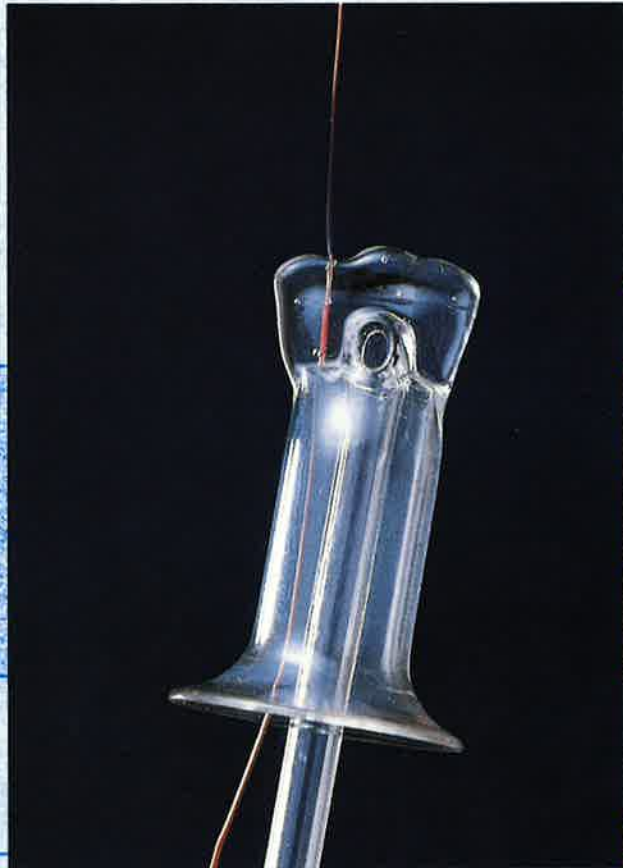
Technological improvements in the lead wire manufacturing process have made it possible to produce weld knots which are visibly and measurably smaller and more uniform, without sacrificing weld strength.

In addition, the new process eliminates spikes.

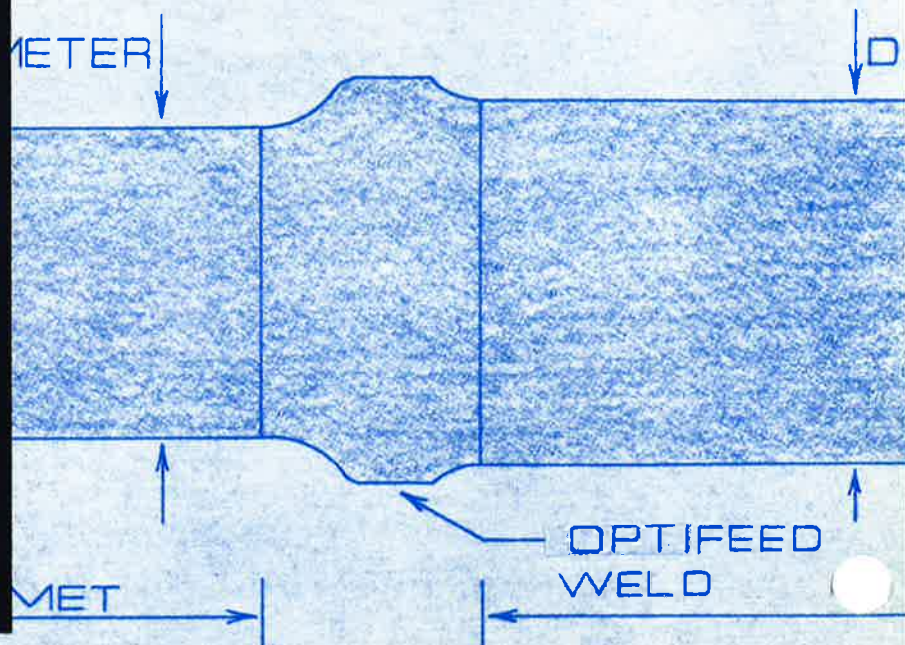
Result: More easily fed into mount machines, OptiFeed leads reduce machine jamming and downtime. And with the corresponding reduction in material shrinkage, the gain in productivity can be substantial.



A comparison with a GE conventional weld knot (right) readily shows an OptiFeed lead's more uniform contours and the absence of spikes.



This ruined lamp mount is typical of the material shrinkage reduced by OptiFeed leads.





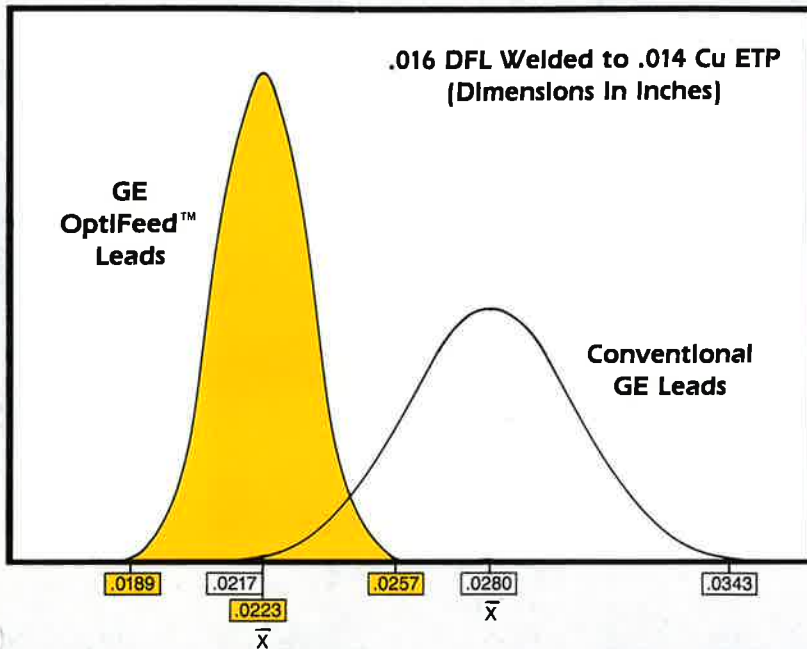
# Weld Knot Diameter Comparison

# Engineering Assistance

The broad experience of General Electric's design engineers in lead wire specification is available to help select the best OptiFeed lead for your application. We welcome the opportunity to work with you on your application, whether it requires using one of the many different standard units now produced, a modification of one of those or the development of a completely new design. Please call or write:

General Electric Company  
 Glass & Metallurgical Products Department  
 Marketing Section  
 24400 Highland Road  
 Cleveland, Ohio 44143  
 Phone: (216) 266-6669

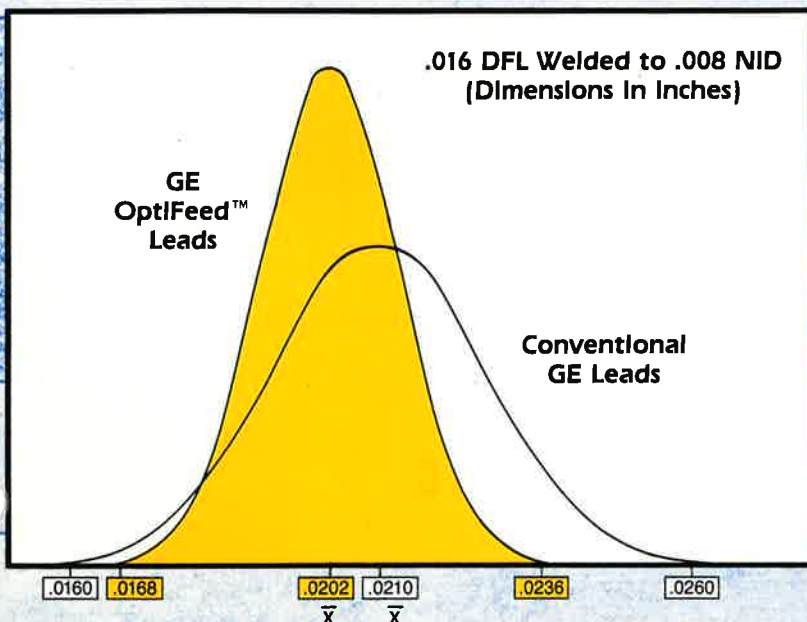
**Similar Wire Diameters**



Test data showing average ( $\bar{x}$ ) and  $3\sigma$  ranges demonstrates that the weld knot on OptiFeed leads is both smaller in diameter and more uniform than those on conventional GE leads.

METER

**Dissimilar Wire Diameters**



# Ordering Information

For further information or to order GE OptiFeed leads, contact your Sales Operation representative or:

## **Sales Headquarters**

General Electric Company  
Lamp Components & Technical  
Products Division  
Sales Operation  
21800 Tungsten Road  
Cleveland, Ohio 44117

Phone:

Domestic-(216) 266-2451

International-(216) 266-3295

Telex: 985569 (GECOLCS EUCD)

## **Manufacturing Plant**

General Electric Company  
Carolina Welds Plant  
P.O. Drawer 107  
Goldsboro, North Carolina 27530

Phone:

(919) 731-5118

General Electric's Lamp Components & Technical Products Division is the source for tungsten, molybdenum, glass, fused quartz, Lucalox® ceramic, phosphors, chemicals, Dumet and Cumet wire, leads, bases and other components used by the lamp, electronics, cemented carbide and other industries. Technical and engineering assistance is available on all products.

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