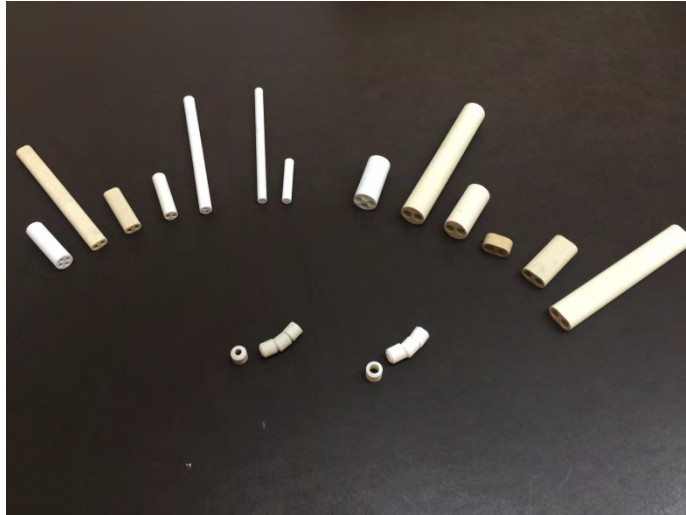


INSULATORS



Duro-Sense selects our insulators based on their ability to withstand elevated temperatures or to resist thermal shock. Our catalog listing, groups our insulators in these classifications for convenient selection. Some sizes and lengths are available in more than one classification. The thermocouple insulators listed on the following page are generally carried in stock for quick delivery. Other sizes can be made to suit individual requirements.

Mullite Insulators

- ◆ High Temperature
- ◆ Low Thermal Expansion
- ◆ Good Mechanical Strength
- ◆ Maximum Continuous Temperature 2640°F (1450°C)
- ◆ Maximum Intermittent Temperature 3000°F (1650°C)

Cordierite Insulators

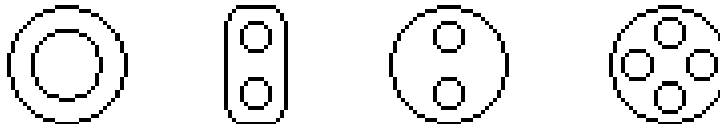
- ◆ Excellent Thermal Shock Resistance
- ◆ Fair Physical Strength & Electrical Properties
- ◆ Maximum Continuous Temperature 2280°F (1250°C)
- ◆ Maximum Intermittent Temperature 2370°F (1300°C)

Alumina Insulators

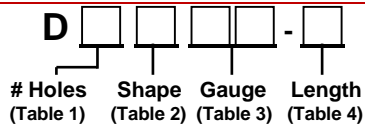
- ◆ Excellent High Temperature Insulation
- ◆ Good Electrical & Mechanical Properties
- ◆ Maximum Continuous Temperature 3000°F (1650°C)
- ◆ Maximum Intermittent Temperature 3300°F (1815°C)

THERMOCOUPLE HARDWARE

Insulator Ordering Information



Part #:



NOTE: For any additional modifications to this item, add "-MOD" to the end of the part number and provide a physical description of the modification.

Not all configurations work together. Consult Factory with questions.

Table 1
Holes

P/N	Description
1	One
2	Two
4	Four
X	Special

Table 2
Shape

P/N	Description
O	Oval
R	Round

Table 3
Gauge

P/N	Description
8	8 AWG
14	14 AWG
20	20 AWG
X	Special

Table 4
Length

P/N	Description
1	1 Inch
3	3 Inches
X	Special

Example:

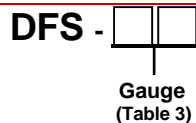
D2014-1

2-Bore, Oval, 14 Gauge Insulator x 1" Long

Fish Spine Ordering Information



Part #:



NOTE: For any additional modifications to this item, add "-MOD" to the end of the part number and provide a physical description of the modification.

Example:

DFS-14

14 Gauge Fish Spine

Dimensional Information(Nominal)

Description	Gauge	OD	Hole Size	Length
Round Single Bore	8	.250"	.156"	Various (Specify)
	14	.187"	.094"	Various (Specify)
Round Two Bore	8	.468"	.156"	1" or 3"
	14	.250"	.080"	1" or 3"
	20	.156"	.045"	1" or 3"
Round Four Bore	8	.461"	.156"	1" or 3"
	14	.313"	.078"	1" or 3"
	20	.187"	.047"	1" or 3"
Oval Two Bore	8	.485" x .281"	.156"	1" or 3"
	14	.313" x .188"	.085"	1" or 3"
	20	.172" x .118"	.045"	1" or 3"
Fish Spine	8	.250"	.156"	¼"
	14	.220"	.100"	¼"

