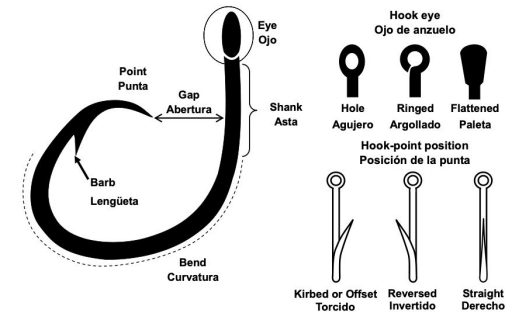


# Hook shapes and measurements

- Shape, offsets, rings

Dan Foster



Key terms for describing fishing hook  
Términos claves para describir el anzuelo

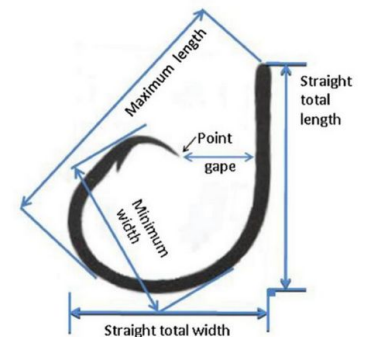
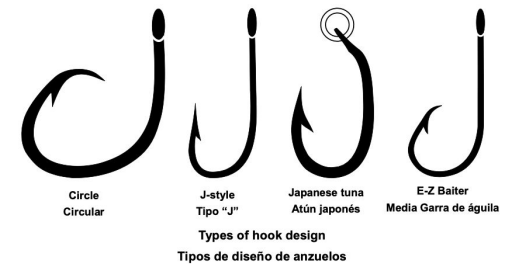


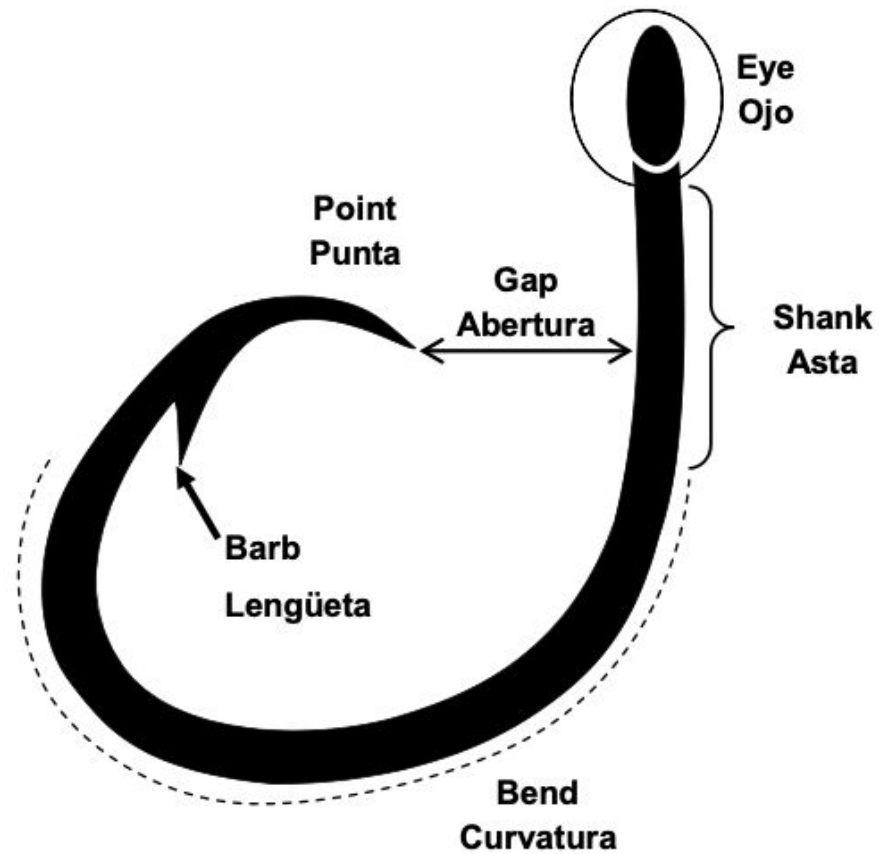
Figure 1. Circle hook dimensions.

# Dan Foster

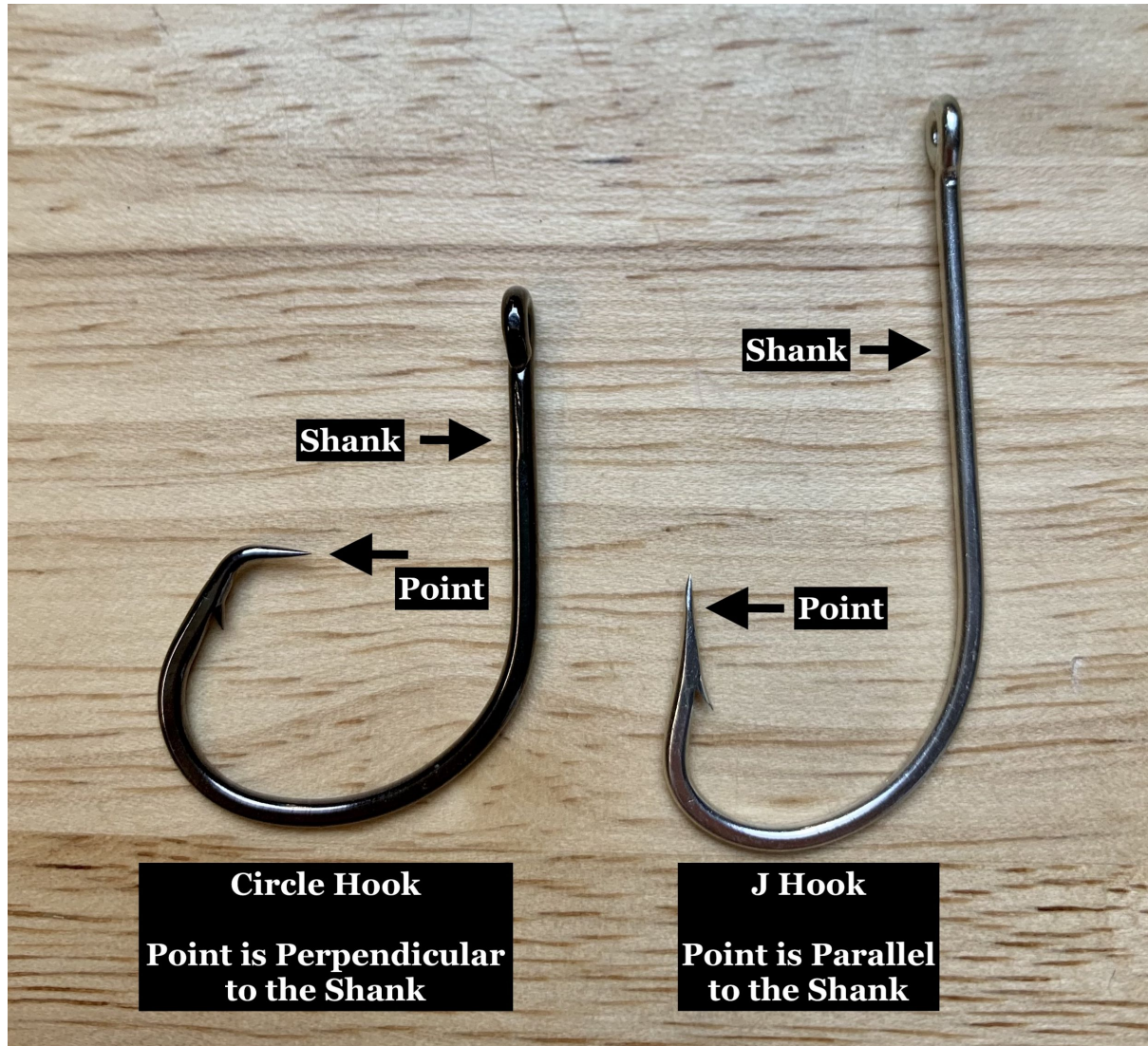
- Retired after 40 Years with NOAA
- Formerly the Branch Chief of the Gear Research Branch
- 34 Years conducting fishing gear research
- 24 years conducting sea turtle mitigation research in pelagic longline fisheries



# Hook parts



# Comparison: Circle hook vs J hook



# Defining a circle hook





# Defining a Circle Hook



Point is bent perpendicular  
(or more) to the shank

# Hybrid Circle Hook



# Hybrid Circle Hook





# Hook Measurement

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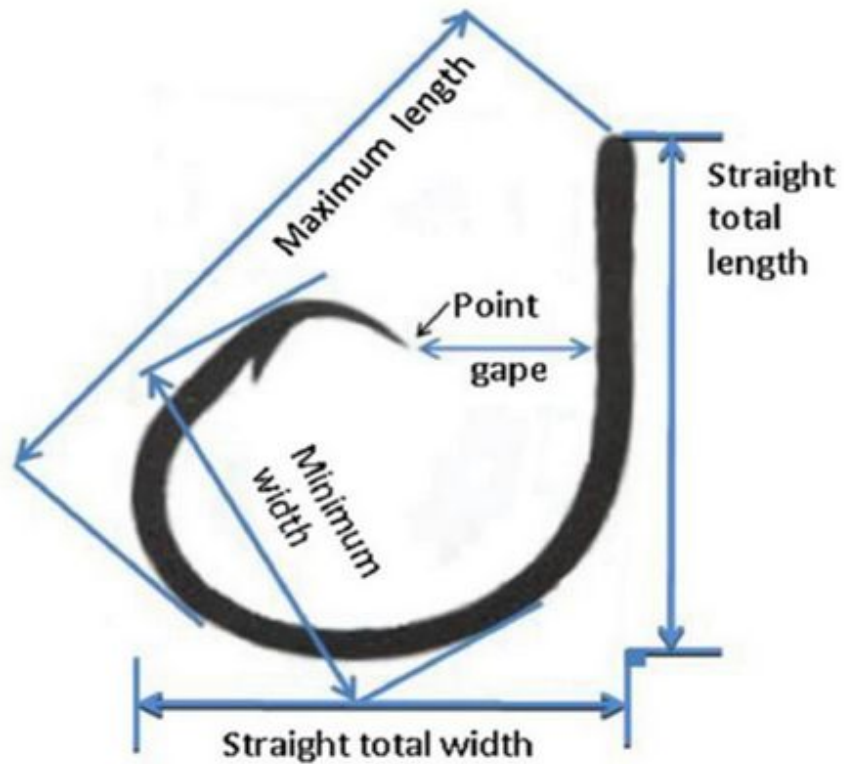
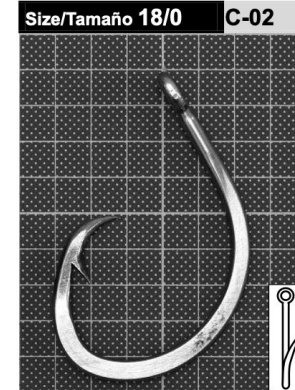
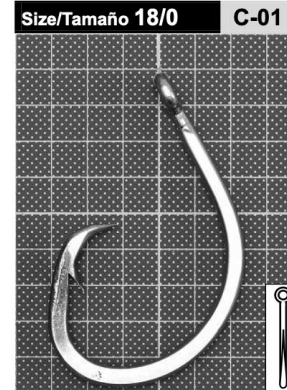
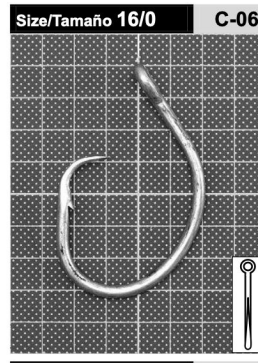
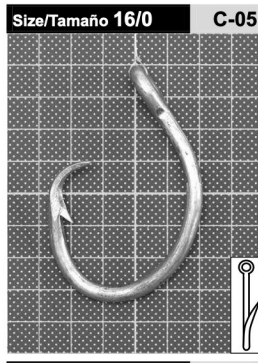


Figure 1. Circle hook dimensions.

# Circle hook Sizes

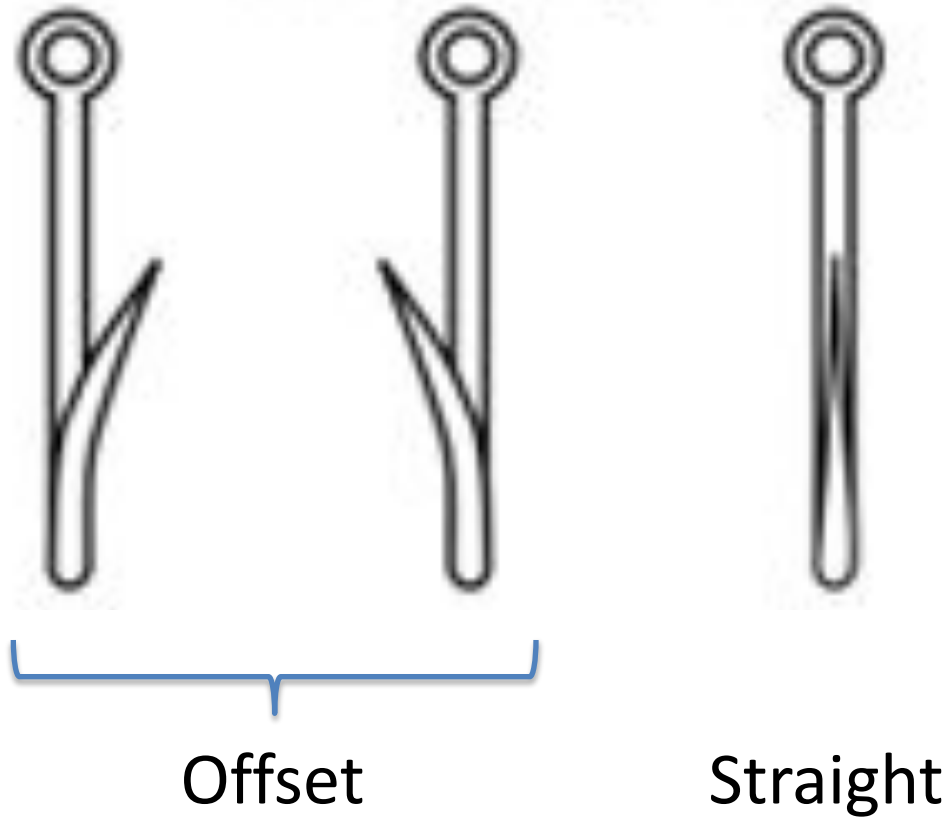
| Circle Hook Size | Minimum Width (cm) |
|------------------|--------------------|
| 13/0             | 3.5                |
| 14/0             | 3.8                |
| 15/0             | 4.0                |
| 16/0             | 4.4                |
| 18/0             | 4.9                |

Circle / Circular



Circle / Circular

# Hook offset



# Eye types

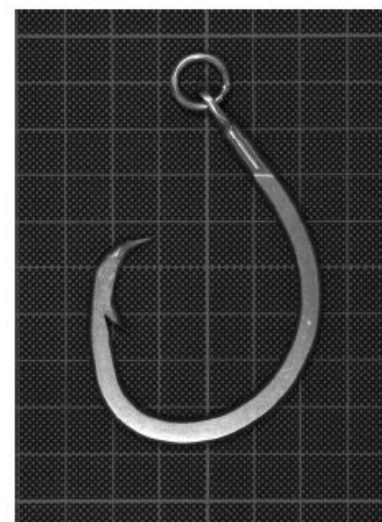
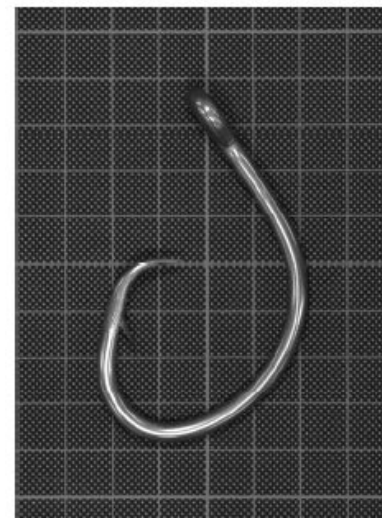


Standard eye



Ringed eye

# IATTC & Circle Hook Identification



# U.S. Longline Fisheries Regulations

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| <b><u>Hawaii</u><br/><u>Shallow Set</u></b> | <b><u>Hawaii</u><br/><u>Deep Set</u></b> | <b><u>Atlantic</u></b>           | <b><u>NED</u><br/><u>(Atlantic)</u></b> |
|---|--|----------------------------------|---|
| 18/0 Circle Hooks                           | 16/0 Circle Hooks                        | 16/0 Circle Hooks                | 18/0 Circle Hooks                       |
| Fish Bait                                   | Fish or Squid                            | Fish or Squid                    | Fish or Squid                           |
| Safe Handling & Release Training            | Safe Handling & Release Training         | Safe Handling & Release Training | Safe Handling & Release Training        |