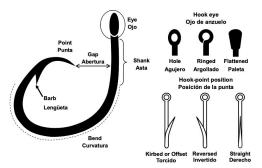
Hook shapes and measurements

•Shape, offsets, rings

Dan Foster



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



Types of hook design Tipos de diseño de anzuelos

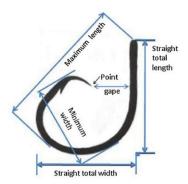


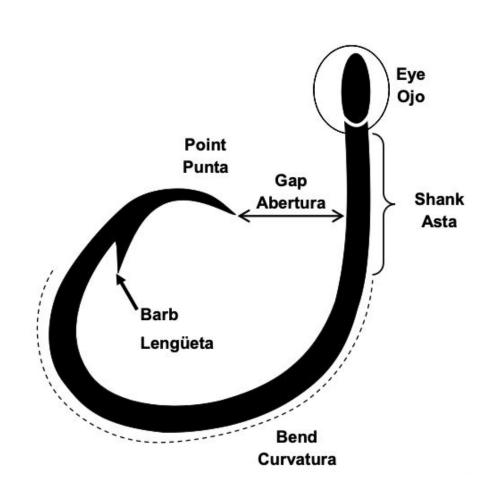
Figure 1. Circle hook dimensions.

Dan Foster

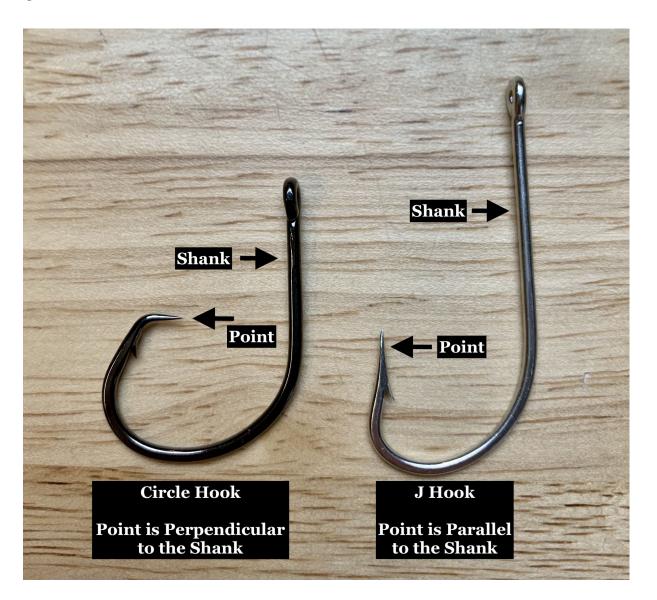
- Retired after 40 Years with NOAA
- Formerly the Branch Chief of the Gear Research Branch
- 34 Years conducting fishing gear research
- 24 years conducting sea turtle mitigation research in pelagic longline fisheries



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

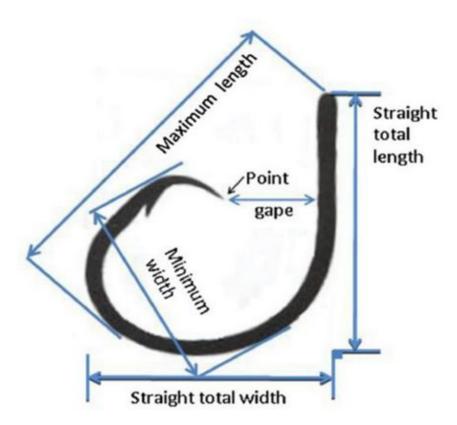
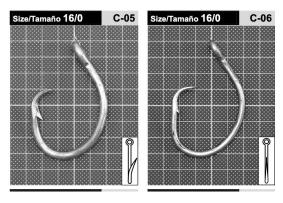


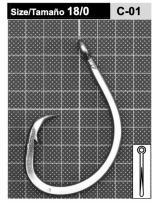
Figure 1. Circle hook dimensions.

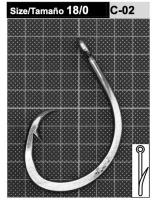
Circle hook Sizes

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

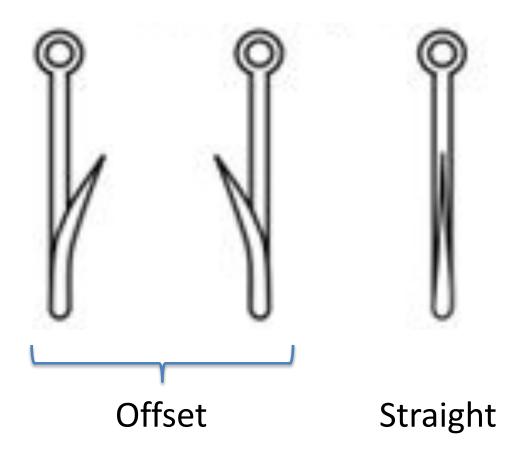






Circle / Circular

Hook offset



Eye types



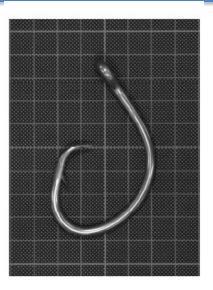
Standard eye

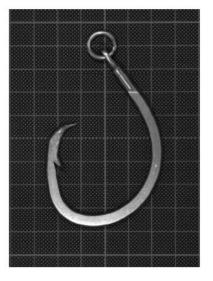


Ringed eye

IATTC & Circle Hook Identification

Inter-American Tropical Tuna Commission Comisión Interamericana del Atún Tropical HOOKS USED IN ARTISANAL LONGLINE FISHERIES OF THE EASTERN PACIFIC OCEAN ANZUELOS UTILIZADOS EN LA PESCA ARTESANAL CON PALANGRES EN EL OCÉANO PACÍFICO ORIENTAL By/Por Takahisa Mituhasi and/y Martín Hall La Jolla, California 2011





U.S. Longline Fisheries Regulations

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