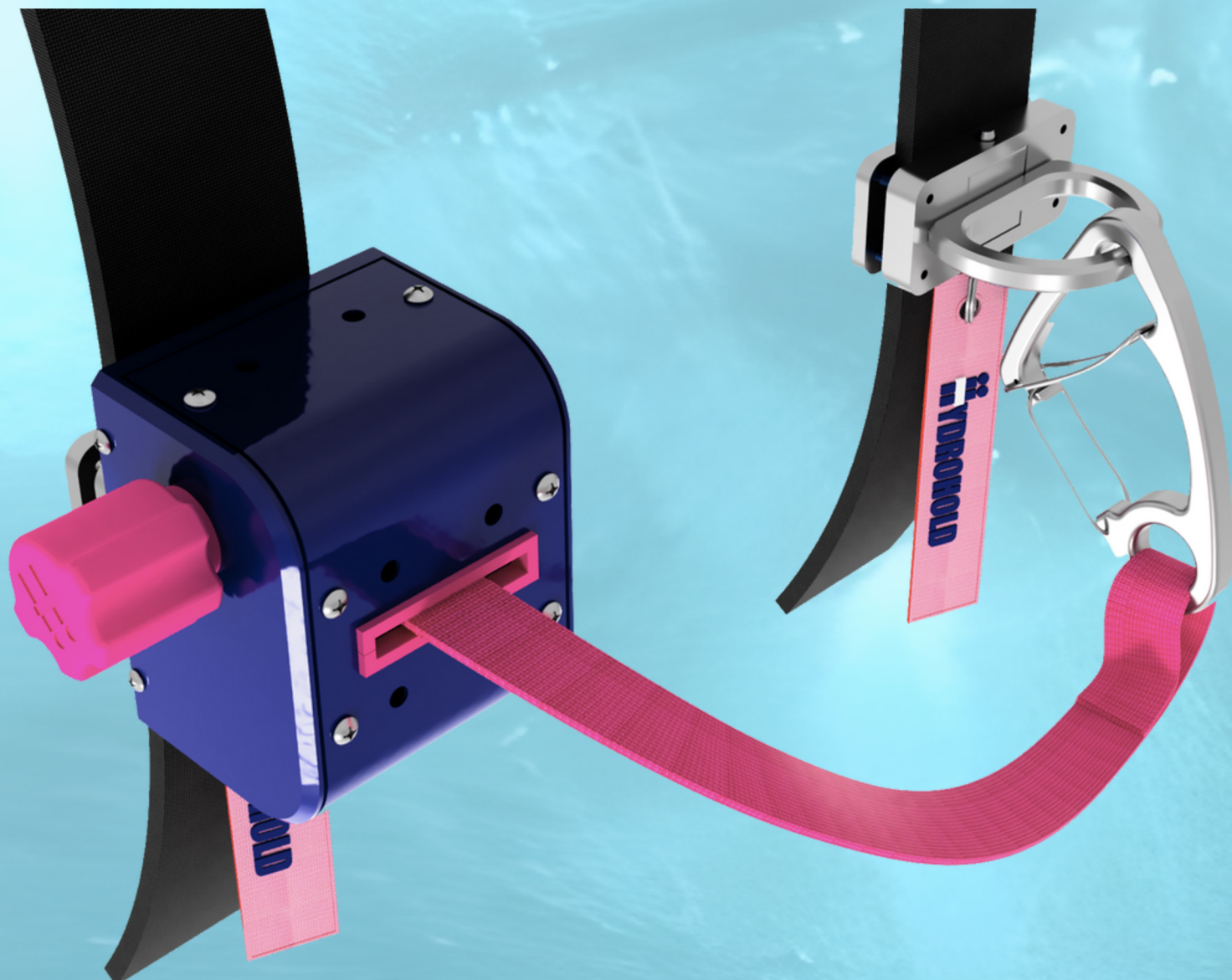
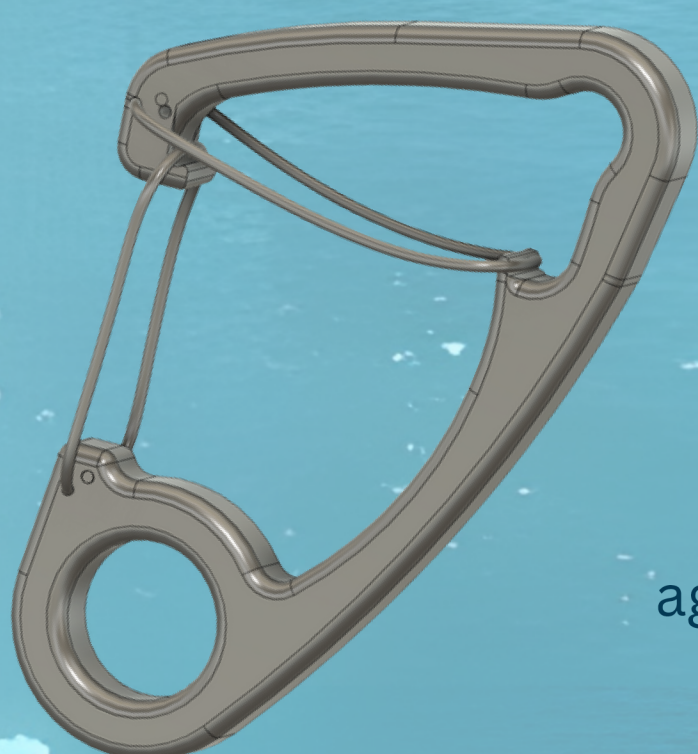


HYDROHOLD



A rescue diving safety device that securely connects a diver to a victim during ascent, freeing the diver's hands for other important operations.

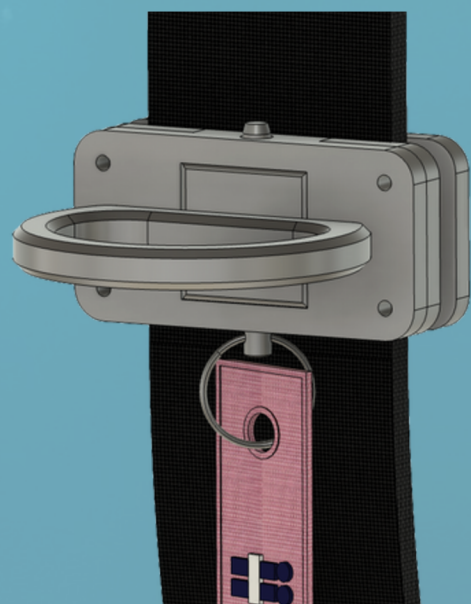
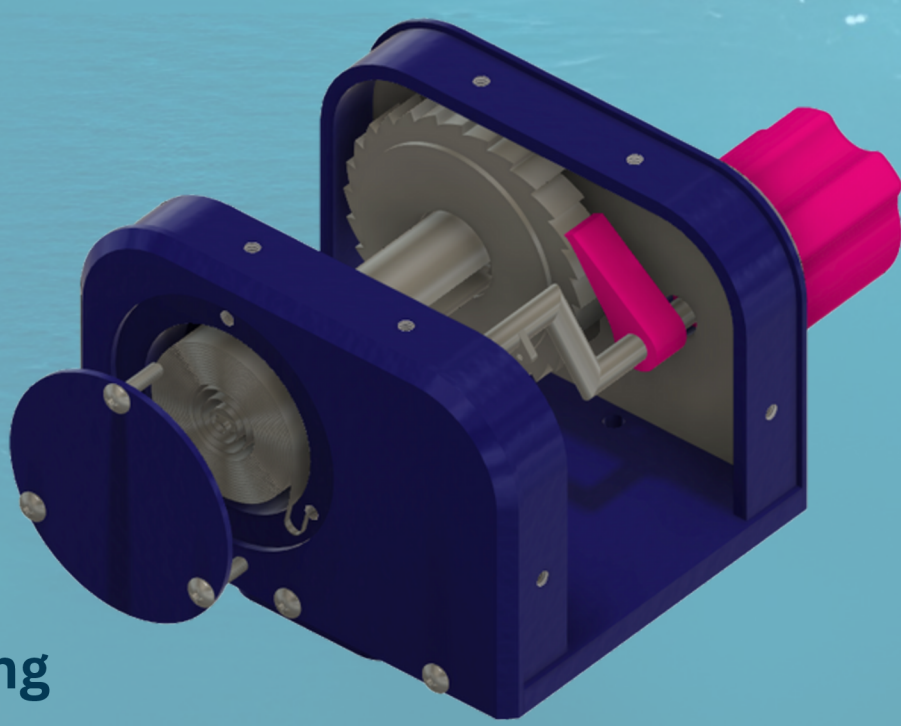


Specialized carabiner clasps onto D-ring on the diver's gear in a **simple and fast motion**

Custom **two-gate design** provides extra protection against accidental unclasp

Strap **extends and retracts** from a custom housing

Knob is turned to engage a ratcheting mechanism, **preventing extension** of the strap

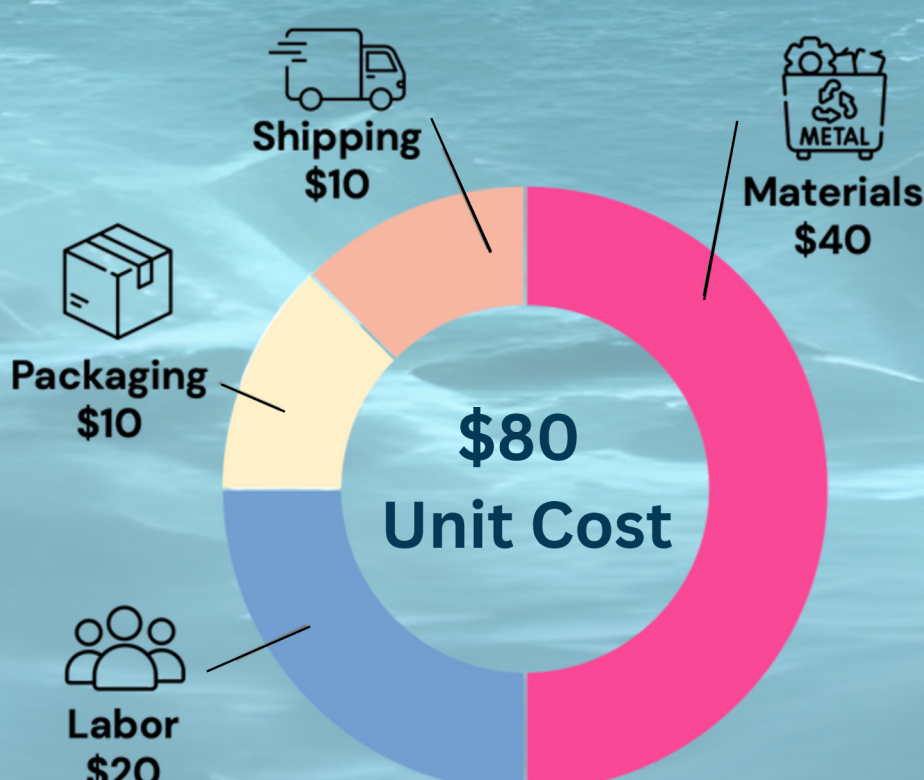


Hydrohold attaches to straps on the diver's **existing gear**

Flight tags can be pulled in an emergency to **quickly release** Hydrohold from the diver's gear

Product Specifications

Load Rating	800 lb
Depth Recommendation	< 60 ft
Weight	5 lb
Dimensions	5.5" x 4.5" x 7.5"
Strap Length	4.5 ft



Profit Model

Hydrohold will be sold for \$200 to distributors at a **2.5x margin**, with a suggested retail price of **\$300**

Instructors and Lab Staff

Daniel Braunstein, Dave Barrett, Atissa Banuazizi, Peko Hosoi, Josh Wiesman, Bill Cormier, Andy Macinnis, Scott Spence

Thank you!

User Testers

Lt. Paul Morrison, Cambridge Fire Department
Ed O'Brien, Woods Hole Oceanographic Institute
Tr. Robert Macaleese, Massachusetts State Police
Mary Beth DiGenova

Our Team

Alena Hu
Aleksandra Kaminska
Amanda Medina
Erin Hovendon
Giuliana Pertuz
Hannah E. Rose

Haris Imamovic
Iva Goel
Joel Santiago Baretti
Josh Randolph
Kathy Zhao

Maryanna Betterly
Nicholas Cerone
Olivia Chen
Olivia Rivera
Rian Evans
Thomas Larsen

