



The below list reflects a variety of metals that are used aboard Navy Ships. These

metals are primarily used for repair and Machine Shop stock. Please see the examples of how each might be used in a direct repair or a fabrication repair application.

**Round Stock**—Used to make a variety of special fittings & parts in a hurry when the fitting or part is not available commercially in a timely manner.

**Hex Stock**—Used also to make a variety if special fittings & parts in a hurry when the fitting or part is not available commercially in a timely manner.

**Angle**—Used to make cages and storage enclosures on board in spaces that commercial cabinets can not fit or not big enough to enclose the space.

**Expanded Metals**—Also used for storage enclosures as well as bottoms of some racks and lockers.

**Sheet**—Used aboard to fix bulkheads, ceilings, cosmetics cover up for galleys and lavatories.

**Plate**—Used on board to fix walkways, catwalks, holes in the hull and decks.

**Flat Bar**—Used to make pipe hangers, storage enclosures, and braces.

**Pipe**—Used to replace existing Pipe in a variety of systems that corrodes due to seawater and corrosive to metal substances.

**Tubing**-- Used to replace existing Tubing in a variety of systems that corrodes due to seawater and corrosive to metal substances.

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PLEASE USE THE FOLLOWING SHEET WHEN INQUIRING ABOUT METALS

**Pipe**

Nps or OD & ID X Wall or Schedule

**Tubing**

OD X ID or Wall

**CuNi Pipe or Tubing Mil-T-16420**

Nps or OD X Class or Wall

**Plate**

Length X Width X Thickness

**Sheet**

Length X Width X Thickness

**Round Bar**

Dia

**Flat bar**

Width X Thickness

**Square Bar**

Width X Thickness

**Hex Bar**

Size Across the Flats

**Angle**

Width X Thickness of each Leg

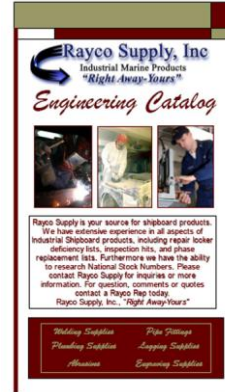
What alloy of metal??

Examples but not limited to:

<b>Aluminum</b>	<b>CuNi</b>	<b>Brass</b>	<b>Nickel</b>	<b>Carbon Steel</b>	<b>Stainless Steel</b>	
6061	5456	70/30	360	400	A-36	304
6063	2024	90/10	464	405	A-53	316
5052	7075		600	1018		
5086						

Do you have a specification: Example Astm-A-36??

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